504858079 04/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4904818

	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	Υ DATA				
		Name		Execution Date	
PIERRICK JOUET				11/23/2015	
VALTER DRAZIC				12/15/2015	
PHILIPPE ROBERT				11/23/2015	
RECEIVING PARTY	DATA				
Name:	THOM	SON LISENSING			
Street Address:	1-5, Rl	E JEANNE D'ARC			
City:	ISSY-L	ES-MOULINEAUX			
State/Country:	FRANC	E			
Postal Code:	92130				
Property Type 1 Application Number: 1		Number 14975766			
<i>using a fax number</i> Phone: Email: Correspondent Nam	ill be sent to ; if provided ne:	I; if that is unsuccessfu 609-734-6817 tomiko.edmonds@techn BRIAN J. DORINI, THOI	<i>II, it will be sen</i> iicolor.com MSON LISCENS		
Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email:	ill be sent to ; if provided ne:	<i>l; if that is unsuccessfu</i> 609-734-6817 tomiko.edmonds@techn	<i>II, it will be sen</i> licolor.com MSON LISCENS OOR 3	nt via US Mail.	
Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email: Correspondent Nan Address Line 1:	ill be sent to r, if provided ne:	<i>I; if that is unsuccessfu</i> 609-734-6817 tomiko.edmonds@techn BRIAN J. DORINI, THOI 4 RESEARCH WAY, FL	<i>II, it will be sen</i> licolor.com MSON LISCENS OOR 3	nt via US Mail.	
Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	ill be sent to c, if provided ne: Γ NUMBER:	<i>I; if that is unsuccessfu</i> 609-734-6817 tomiko.edmonds@techn BRIAN J. DORINI, THOI 4 RESEARCH WAY, FL PRINCETON, NEW JEF	<i>II, it will be sen</i> licolor.com MSON LISCENS OOR 3	nt via US Mail.	
Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	ill be sent to c, if provided ne: Γ NUMBER:	<i>I; if that is unsuccessfu</i> 609-734-6817 tomiko.edmonds@techn BRIAN J. DORINI, THOI 4 RESEARCH WAY, FL PRINCETON, NEW JEF	<i>II, it will be sen</i> licolor.com MSON LISCENS OOR 3	nt via US Mail.	
Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4: ATTORNEY DOCKET	ill be sent to c, if provided ne: Γ NUMBER:	I; if that is unsuccessfu 609-734-6817 tomiko.edmonds@techn BRIAN J. DORINI, THOI 4 RESEARCH WAY, FL PRINCETON, NEW JEF PF140254 XIAOAN LU	<i>II, it will be sen</i> licolor.com MSON LISCENS OOR 3	nt via US Mail.	

source=PF140254_Assignments#page5.tif
source=PF140254_Assignments#page6.tif
source=PF140254_Assignments#page7.tif
source=PF140254_Assignments#page8.tif

DECLARATION

Docket No. PF140254

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 and apparatus for generating an adapted slice image from a focal stack

the specification of which was filed on December 19, 2015 as Application Serial No. 14/975,766 and was amended on , or, if not identified here by filing date and serial number, is attached hereto.

The above-identified application was made or authorized to be made by me. 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 the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001.

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, 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 under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it. I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my

knowledge the right, 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.

Signed at	CESSON SEVIGNE	Date:	23/11/2015
Inventor Name	Pierrick JOUET (Type or Print)	Heref	(Signature in Full – No Initials)
Post Office Address	Technicolor R&D France - 97 CS 176 16 - 35576 CESSON Si		llancs - ZAC des Champs Blancs -
1" Witness	Tao LUO (Type or Print)	Tax luns	(Signature in Full – No Initials)

Customer No. 24498 DECLARATION

Docket No. PF140254

2nd Witness Anthony LAURENT (Type or Print)

antestartest. 14.00

(Signature in Full – No Initials)

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 and apparatus for generating an adapted slice image from a focal stack

the specification of which was filed on <u>December 19, 2015</u> as Application Senal No. <u>14/975,766</u> and was amended on , or, if not identified here by filing date and serial number, is attached hereto.

The above-identified application was made or authorized to be made by me. 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 the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001.

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, 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 under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, 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.

asson-Seviyue Signed at

Date Dec 15th, 2017

Inventor Name

Initials)

Valter DRAZIC (Type or Print)

voller

Full Signature in ~ No

Post Office

Address

Technicolor R&D France – 975 avenue des Champs Blancs - ZAC des Champs Blancs – CS 176 16 - 35576 CESSON SÉVIGNÉ - FRANCE

1st Witness (Type or Print) Signature in Full ~ Initials)

PATENT REEL: 045474 FRAME: 0166

No



DECLARATION

Docket No. PF140254

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 and apparatus for generating an adapted slice image from a focal stack

The above-identified application was made or authorized to be made by me. 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 the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001.

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, 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 under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization free me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, 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.

Signed at

Inventor Name

Philippe ROBERT (Type or Print)

Milippe ROBERT

(Signature in Full – No Initials)

Post Office Address

Technicolor R&D France – 975 avenue des Champs Blancs - ZAC des Champs Blancs – CS 176 16 - 35576 CESSON SÉVIGNÉ - FRANCE

Cession-Seviené Date 23 November 2015

1" Witness

(Type or Print)

VINCENT ALLEANME

Alleanne (Signature in Full - No Initials)

Customer No. 24498 DECLARATION

Docket No. PF140254

2" Witness MATTHIED FRADET

(Type or Print) (Signature in Full – No Initials)

DECLARATION

Docket No. PF140254

As a below named inventor, I hereby declare that:

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

Method and apparatus for generating an adapted slice image from a focal stack

the specification of which was filed on December 19, 2015 as Application Serial No. 14/975,766 and was amended on , or, if not identified here by filing date and serial number, is attached hereto.

The above-identified application was made or authorized to be made by me. 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 the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001.

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, 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 under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

i agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, 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.

Signed at	CESSON SENIGNE NOVENBER 20.15	Date
Inventor Name	Benoît VANDAME	- Alexandre and a second se
•	(Type or Print)	(Signature in Full – No Initials)
Post Office Address	Technicolor R&D France - 975 avenue des CS 176 16 - 35576 CESSON SÉVIGNÉ - FRAM	Champs Blancs - ZAC des Champs Blancs - ICE
1 [®] Witness	PAUL KERBIRIOU	- trater
	(Type or Print)	(Signature in Full – No Initials)

DECLARATION

Docket No. PF140254

2nd Witness

<u>BABON</u> (Type or Print)

(Signature in Full - No Initials)

PATENT REEL: 045474 FRAME: 0171

RECORDED: 04/09/2018