PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4391448

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIPPE BORDES	01/28/2016
PATRICK LOPEZ	01/29/2016
MEHMET TURKAN	01/28/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14905960

CORRESPONDENCE DATA

Fax Number:

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: (609) 734-6867

Email: pat.verlangieri@technicolor.com

Correspondent Name: PATRICIA A. VERLANGIERI, THOMSON LICENSING LLC.

Address Line 1: 4 RESEARCH WAY

Address Line 2: 3RD FLOOR

Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER: PF130125-US-PCT	
NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI
SIGNATURE: /Patricia A. Verlangieri, Reg.No. 42201/	
DATE SIGNED:	04/30/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

source=PF130125USPCTASSIGNMENTBORDES#page1.tif source=PF130125USPCTASSIGNMENTBORDES#page2.tif

PATENT 504344760 REEL: 042188 FRAME: 0045

source=PF130125USPCTASSIGNMENTLOPEZ#page1.tif source=PF130125USPCTASSIGNMENTTURKAN#page1.tif

PATENT REEL: 042188 FRAME: 0046 Customer No. 24498

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 DEVICE FOR DECODING A SCALABLE STREAM REPRESENTATIVE OF AN IMAGE SEQUENCE AND
CORRESPONDING CODING METHOD AND DEVICE
the specification of which was filed on 10 July 2014 as Application Serial No. PCT/EP2814/864817 and was amended 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.
Signed at Cesson-Sérigné Date January 28th 2016
Inventor V30, d
NameBORDES Philippe
Post Office Address: Technicolor R&D France, 975 avenue des Champs Blancs, CS17616, F-35576 Cesson-Sévigné Cedex, France
and of the Day
1" Witness CHEVANCE Churlophu Chilly

PATENT REEL: 042188 FRAME: 0047

ature in Full - No Initials)

Customer No. 24498

DECLARATION

Docket No. PF130125

2nd Witness

HIROW Early (Type or Print)

(Signature in Full - No Initials)

PATENT REEL: 042188 FRAME: 0048 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 DEVICE FOR DECODING A SCALABLE STREAM REPRESENTATIVE OF AN IMAGE SEQUENCE AND CORRESPONDING CODING METHOD AND DEVICE the specification of which was filed on 10 July 2014 as Application Serial No. PCT/EP2014/064817 and was amended on or, if not identified here by filing date and serial number, is attached hereto. 18 January 2016 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. Lacknowledge 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 paths, 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.

Lagree 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

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	<u>C.v.,</u>	79101/7016 Date
Inventor Name	_LOPEZ Patrick	(Signature in Full No Initials)
Post Office A Sévigné Cede	ddress : Technicolor R&D France, 975 avenue des ex, France	Champs Blancs, CS17616, F-35576 Cesson-
1° Witness	OUVIER Yanni M (Type or Print)	(Signature in Full – No Initials)
2 nd Witness	SERRÉ Cotherine	

PATENT REEL: 042188 FRAME: 0049

As a below named inventor. I hereby declare t	As a	elow came	a inventor.	Thereby	-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 DEVICE FOR DECODING A SCALABLE STREAM REPRESENTATIVE OF AN IMAGE SEQUENCE AND

CORRESPONDING CODING METHOD AND DEVICE

the specification of which was filed on

as Application Serial No. 10 July 2014

PCT/EP2014/064817

and was amended on

18 January 2016.

, 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.

Lacknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart 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 faise 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, destrable 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.

Lagree 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-

Thereby 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 commees 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 Projection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Loovenant 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

Lanir, Turkey

Inventor

Name

TURKAN Mehmet

(Type or Print)

(Signature in Full - No Initials)

Post Office Address: Technicolor R&D France, 975 avenue des Champs Blancs, CS17616, F-35578 Cesson-

Sévigné Cedex, France

1st Witness

Kignature in Full - No Initials)

2nd Witness

MCKAN Murat

Ignature in Full - No Initials)

PATENT REEL: 042188 FRAME: 0050

RECORDED: 04/30/2017