504985613 07/01/2018

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VALTER DRAZIC	01/24/2018
LAURENT BLONDE	03/07/2018
OLIVIER BURELLER	01/23/2018

RECEIVING PARTY DATA

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City:	ISSY LES MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15760397

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.

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Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:	PF150238-US-PCT
NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI
SIGNATURE: /Patricia A. Verlangieri, Reg.No. 42201/	
DATE SIGNED:	07/01/2018

Total Attachments: 3

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PATENT 504985613 REEL: 046247 FRAME: 0781

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

An apparatus and a method for generating data representing a pixel beam
the specification of which was filed a September 16th, 2016 as Application Serial No. PCT/EP2016/072071 and was amended on , or, it 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

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 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

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	Corms - Cerryne Da	ite Jon, 24", 2010
Inventor Name	Valter DRAZIC (Type or Print)	Valtor Draric (Signature in Full – No Initials)
Post Office Address	Technicolor R&D France – 975 avenue des CS 176 16 - 35576 CESSON SÉVIGNÉ - FRAN	Champs Blancs - ZAC des Champs Blancs CE
1 st Witness	Mi Éva DAM GHANTAN (Type or Print)	(Signature in Full – No Initials)
2 nd Witness	Oksaha Shzamkova (Type or Print)	(Signaturje/in Full – No Initials)

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An apparatus and a method for generating data representing a pixel beam
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assignment and agreement in an application for letters patent

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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

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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.

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Signed at	COSSON-SEY16NE	Date	landez loss
Inventor Name	Laurent BLONDÉ (Type or Print)		(Signature in Full – No Initials)
Post Office Address	Technicolor R&D France – 975 aver CS 176 16 - 35576 CESSON SÉVIGN	nue des Champs B É - FRANCE	ilancs - ZAC des Champs Blancs -
1 st Witness	DECAR Frederique (Type or Print)		(Signature in Full – No Initials)
2 nd Witness	Bérengère GAUD	EC	Just - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	(ελλο οι επικό		(Signáteré in Full – No Initials)

PATENT REEL: 046247 FRAME: 0783 Customer No. 24498

DECLARATION

Docket No. PF150238 - 6 S- PCT

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Signed at	<u>Rennes</u>	Date	01/23/2018
Inventor Name	Olivier BURELLER (Type or Print)	:*	(Signature in Full – No Initials)
Post Office Address	Technicolor R&D France - 975 avenue of CS 176 16 - 35576 CESSON SÉVIGNÉ - FR		ps Blancs - ZAC des Champs Blancs -
1 st Witness	(Type or Print)	12	(Signature in Full – No Initials)
2 nd Witness	Gullaume ROISSOKI (Type or Print)	₹ ĕ	(Signature in Folk—No. Injilians)

PATENT REEL: 046247 FRAME: 0784

RECORDED: 07/01/2018