PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASSIMO CUZZOLA	10/29/2014
OLIVER CHEF	10/29/2014
BART PERSOONS	10/29/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9288308

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.

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Email: Brian.Pritchett@Technicolor.com

Correspondent Name: BRIAN J. DORINI, THOMSON LICENSING LLC.

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Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:	PD120020
NAME OF SUBMITTER:	RONALD KOLCZYNSKI
SIGNATURE:	/Ronald Kolczynski/
DATE SIGNED:	04/12/2018

Total Attachments: 3

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PATENT 504864689 REEL: 045512 FRAME: 0651

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

A METHOD FOR TERMINATING AN OPERATION OF A CPE DEVICE, AND RESPECTIVE CPE DEVICE USING THE METHOD

the specification of which was filed on 21MAY2013 as Application Serial No. PCT/EP13/080388 and was amended on

21MAY2013

, 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 cuty 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 filling 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, deskrable 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

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 fite 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 oncumbrance, and that I have full right to convey the same as herein expressed.

Signed at	City/Country EDEGEM, BECGION Dal	te 28/10/2014
Inventor Name	Massimo CUZZOLA (Type or Print)	(Signature in Full - No Initials)
Post Office Address	Pater De Dekenstraat 35, 2610 WILRIJK, BELGI	
1 st Witness	JOHNNY RYPENS (Type or Print)	(Signature In Full - No Initials)
2 nd Witness	SOFIANE BOUSSA	(Signature in Full - No Initials)

PATENT REEL: 045512 FRAME: 0652

Docket No. PD120020

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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.

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Signed at

<u>Lycem</u> Date

Inventor

Oliver CHEF

Name

(Type or Print)

(Signature in Full - No Initials)

Post Office Address

24, Av Du Frioul BTE 5, 1140 EVERE, BELGIUM

1st Witness

(Signature in Full – No Initials)

2nd Witness

(Signature in Full - No Initials)

Docket No. PD120020

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Signed at	EDECEM, BELOTUM Date	e <u>29/10/2014</u>
inventor Name	Bart PERSOONS (Type or Print)	(Signature in Full – No Initials)
Post Office Address	5, Acht Eeuwenlaan, 2650 EDEGEM, BELGIUM	
1 st Witness	ALEX DE SMEDT (Type or Print)	(Signature in Full – No Initials)
2 nd Wilness	SVEN DE BIE (Type or Print)	(Signature in Full - No Initials)

PATENT REEL: 045512 FRAME: 0654

RECORDED: 04/12/2018