

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dominique THOREAU</td> <td>10/02/2012</td> </tr> <tr> <td>Aurelie MARTIN</td> <td>09/20/2012</td> </tr> <tr> <td>Edouard FRANCOIS</td> <td>09/24/2012</td> </tr> <tr> <td>Jerome VIERON</td> <td>09/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dominique THOREAU	10/02/2012	Aurelie MARTIN	09/20/2012	Edouard FRANCOIS	09/24/2012	Jerome VIERON	09/19/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>THOMSON LICENSING</td> </tr> <tr> <td>Street Address:</td> <td>1-5 rue Jeanne d'Arc</td> </tr> <tr> <td>City:</td> <td>Issy Les Moulineaux</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-92130</td> </tr> </table>		Name:	THOMSON LICENSING	Street Address:	1-5 rue Jeanne d'Arc	City:	Issy Les Moulineaux	State/Country:	FRANCE	Postal Code:	F-92130
Name:	THOMSON LICENSING										
Street Address:	1-5 rue Jeanne d'Arc										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13575105</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13575105						
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CORRESPONDENCE DATA											
Fax Number: 6097346888 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 609-734-6828 Email: uspto@technicolor.com Correspondent Name: ROBERT D. SHEDD, THOMSON LICENSING LLC Address Line 1: 2 Independence Way, Suite 200 Address Line 4: Princeton, NEW JERSEY 08540											
ATTORNEY DOCKET NUMBER:	PF100007 US PCT										
NAME OF SUBMITTER:	Patricia A. Verlangieri										
Signature:	/Patricia A. Verlangieri, Reg No 42201/										

Date:

09/25/2013

Total Attachments: 6

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Customer No. 24498

Docket No. PF100007

**/ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am the sole inventor (if only one inventor is named below) or 5 joint inventors (if plural inventors are named below) of the inventions relating to **METHODS FOR CODING AND DECODING**

described in an Application for Patent filed on 19 JANUARY 2011 under Serial No. PCT/EP11/050693 and described in the file associated with Docket No. PF100007, listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

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, 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	<u>Cesson Sévigne</u>	Date	<u>2 Octobre 2011</u>
Inventor (1)	<u>DOMINIQUE THOREAU</u> (Type or Print)	<u>Dominique Thoreau</u> (Signature in Full. No initials.)	
Post Office Address <u>Technicolor R&D France- 1 avenue Belle Fontaine F-935576 CESSON SEVIGNE CEDEX, France</u>			
1st Witness	<u>F. Borena PAC</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>Calvin A. AKRAM</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Signed at	<u>AURELIE MARTIN</u>	Date	
Inventor (2)	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	
Post Office Address <u>9 RUE BAUSSET, BATIMENT B, F-75015 PARIS, France</u>			
1st Witness	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	
2nd Witness	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	
Signed at	<u>EDOUARD FRANCOIS</u>	Date	
Inventor (3)	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	
Post Office Address <u>18 ALLEE DU LOCAR, F-35890 BOURG DES COMPTES, FRANCE</u>			
1st Witness	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	
2nd Witness	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	

Signed at	JEROME VIERON	Date	
Inventor (4)	(Type or Print)	(Signature in Full. No initials.)	
Post Office Address 9 RUE BAUSSET, BATIMENT B, F-75015 PARIS, France			
1st Witness	(Type or Print)	(Signature in Full. No initials.)	
2nd Witness	(Type or Print)	(Signature in Full. No initials.)	
Signed at	Philippe Bordes	Date	October 2, 2012
Inventor (5)	(Type or Print)	(Signature in Full. No initials.)	HP Bordes
Post Office Address Technicolor R&D France- 1 avenue Belle Fontaine F-35576 CESSON SEVIGNE CEDEX, France			
1st Witness	ROQUE SAC	(Signature in Full. No initials.)	Roque
2nd Witness	Catherine AKLAM	(Signature in Full. No initials.)	Catherine

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THOMSON Licensing LLC
PO Box 5312
Princeton, NJ 08543-5312

Customer No. 24498

Docket No. PF100007

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Signed at	Date
Inventor (1) <u>DOMINIQUE THOREAU</u> (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>Technicolor R&D France- 1 avenue Belle Fontaine-F-35576 CESSON SEVIGNE CEDEX, France</u>	
1st Witness (Type or Print)	(Signature in Full. No initials.)
2nd Witness (Type or Print)	(Signature in Full. No initials.)
Signed at <u>AURELIE MARTIN</u>	Date <u>10/05/2012</u>
Inventor (2) (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>9 RUE BAUSSET, BATIMENT B, F-75015 PARIS, France</u>	
1st Witness <u>Roxanne PAC</u> (Type or Print)	(Signature in Full. No initials.)
2nd Witness <u>Catherine AKRAM</u> (Type or Print)	(Signature in Full. No initials.)
Signed at	Date
Inventor (3) <u>EDOUARD FRANCOIS</u> (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>18 ALLEE DU LOCAR, F-35880 BOURG DES COMPTES, FRANCE</u>	
1st Witness (Type or Print)	(Signature in Full. No initials.)
2nd Witness (Type or Print)	(Signature in Full. No initials.)

Signed at	<u>Paris</u>	Date	<u>19/03/2012</u>
Inventor (4)	<u>JEROME VIERON</u> (Type or Print)		<u>[Signature]</u> (Signature in Full, No initials.)
Post Office Address <u>9 RUE BAUSSET, BATIMENT B, F-75015 PARIS, France</u>			
1st Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full, No initials.)
2nd Witness	<u>[Signature] AKRAM</u> (Type or Print)		<u>[Signature]</u> (Signature in Full, No initials.)
Signed at		Date	
Inventor (5)	<u>PHILIPPE BORDES</u> (Type or Print)		<u>[Signature]</u> (Signature in Full, No initials.)
Post Office Address <u>Technicolor R&D France- 1 avenue Belle Fontaine-F-35576 CESSON SEVIGNE CEDEX, France</u>			
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2nd Witness _____ (Type or Print)	(Signature in Full. No initials.)
Signed at	Date
Inventor (2) <u>AURELIE MARTIN</u> (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>9 RUE BAUSSET, BATIMENT B, F-75015 PARIS, France</u>	
1st Witness _____ (Type or Print)	(Signature in Full. No initials.)
2nd Witness _____ (Type or Print)	(Signature in Full. No initials.)
Signed at <u>Bourg des Comptes</u>	Date <u>2011/09/24</u>
Inventor (3) <u>EDOUARD FRANCOIS</u> (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>18 ALLEE DU LOCAR, F-35890 BOURG DES COMPTES, FRANCE</u>	
1st Witness <u>FRANCOIS IAC</u> (Type or Print)	(Signature in Full. No initials.)
2nd Witness <u>Marc-Alexandre YUNNET</u> (Type or Print)	(Signature in Full. No initials.)

Signed at	_____	Date	_____
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