

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>Jun LI</td> <td>07/19/2012</td> </tr> <tr> <td>Jun XU</td> <td>07/09/2012</td> </tr> <tr> <td>Xiaojun MA</td> <td>07/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jun LI	07/19/2012	Jun XU	07/09/2012	Xiaojun MA	07/16/2012		
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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 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>92130</td> </tr> </table>		Name:	Thomson Licensing	Street Address:	1 rue Jeanne d'Arc	City:	Issy les Moulineaux	State/Country:	FRANCE	Postal Code:	92130
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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>13634864</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13634864						
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 609-734-6828 Email: david.a.fornarotto@technicolor.com Correspondent Name: Robert D. Shedd, Patent Operations THOMS Address Line 1: P.O. Box 5312 Address Line 4: Princeton, NEW JERSEY 08543-5312											
ATTORNEY DOCKET NUMBER:	PA100013										
NAME OF SUBMITTER:	Patricia A. Verlangieri										
Total Attachments: 4 source=PA100013USASSIGNMENT#page1.tif source=PA100013USASSIGNMENT#page2.tif source=PA100013USASSIGNMENT#page3.tif source=PA100013USASSIGNMENT#page4.tif											

CH \$40.00 13634864

**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 one of 4 joint inventors (if plural inventors are named below) of inventors relating to
tick playback of video data

March 31, 2012 under Application No. PC1000010000412 and described in the file associated with Docket No. PA100013 described in an Application filed on March 31, 2012

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, renewals and extensions thereof.

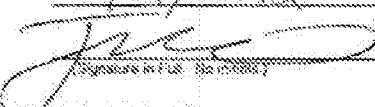
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said 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>Beijing, China</u>	Date:	<u>2/19/2012</u>
Inventor (1)	<u>Li Jun</u> (Type or Print)	 (Signature in Full. No initials.)	
Post Office Address	<u>9 Jefferson Road, New Jersey 08542 CRANBURY - USA</u>		
1st Witness	<u>Wan Papi</u> (Type or Print)	<u>Wan Papi</u> (Signature in Full. No initials.)	
2nd Witness	<u>Dong Li</u> (Type or Print)	<u>Dong Li</u> (Signature in Full. No initials.)	
Signed at:		Date:	
Inventor (2)	<u>XU Jun</u> (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	<u>8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA</u>		
1st Witness	(Type or Print)	(Signature in Full. No initials.)	
2nd Witness	(Type or Print)	(Signature in Full. No initials.)	
Signed at:		Date:	
Inventor (3)	<u>MA Xiaojun</u> (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	<u>8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA</u>		
1st Witness	(Type or Print)	(Signature in Full. No initials.)	
2nd Witness	(Type or Print)	(Signature in Full. No initials.)	

Signed at	_____	Date	_____
Inventor (3)	<u>CHEN Jianfeng</u>		
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192</u> <u>BEIJING - CHINA</u>		
1st Witness	_____		
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	_____		
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After this Assignment has been recorded please RETURN to:

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

**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 one of 3 joint inventors (if plural inventors are named below) of inventions relating to:

risk playback of video data

described in an Application filed on March 31, 2010 under Application No. PCT/2008/000413 and described in two or more associated with Docket No. PA100013

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, renewals 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 actions, 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 their 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 hereafter 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 the 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 hereafter be substituted for it.

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Signed at		Date	
Inventor (1)	<u>Li Jun</u> (Type or Print)		(Signature in Full - No initials)
Post Office Address	<u>9 Jefferson Road, New Jersey 08512 CRANBURY - USA</u>		
1st Witness			(Signature in Full - No initials)
2nd Witness			(Signature in Full - No initials)
Signed at	<u>Beijing, China</u>	Date	<u>07/09/2012</u>
Inventor (2)	<u>XU Jun</u> (Type or Print)		<u>Xu Jun</u> (Signature in Full - No initials)
Post Office Address	<u>8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA</u>		
1st Witness	<u>Wan Peng</u> (Type or Print)		<u>Wan Peng</u> (Signature in Full - No initials)
2nd Witness	<u>YU CHENG</u> (Type or Print)		<u>YU CHENG</u> (Signature in Full - No initials)
Signed at	<u>Beijing, China</u>	Date	<u>7/16/2012</u>
Inventor (3)	<u>MA Xiaojun</u> (Type or Print)		<u>Ma Xiaojun</u> (Signature in Full - No initials)
Post Office Address	<u>8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA</u>		
1st Witness	<u>Wan Peng</u> (Type or Print)		<u>Wan Peng</u> (Signature in Full - No initials)
2nd Witness	<u>YU CHENG</u> (Type or Print)		<u>YU CHENG</u> (Signature in Full - No initials)

Signed as	<u>Beijing CHINA</u>	Date	<u>2012/07/06</u>
Inventor (3)	<u>CHEN Jianfeng</u> (Type or Print)	<u>[Signature]</u> (Signature in Full - No initials.)	
Post Office Address	<u>8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192</u> <u>BEIJING - CHINA</u>		
1st Witness	<u>Han Peipei</u> (Type or Print)	<u>Han Peipei</u> (Signature in Full - No initials.)	
2nd Witness	<u>YU CHANG</u> (Type or Print)	<u>YU CHANG</u> (Signature in Full - No initials.)	

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