

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Herbert Hoelzemann</td> <td>10/20/2012</td> </tr> <tr> <td>Stephan Knappmann</td> <td>10/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Herbert Hoelzemann	10/20/2012	Stephan Knappmann	10/26/2012				
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Stephan Knappmann	10/26/2012										
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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CORRESPONDENCE DATA											
Fax Number: 6097346888 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 609-734-6823 Email: uspto@technicolor.com Correspondent Name: Robert D. Shedd, Patent Operations THOMS Address Line 1: P.O. Box 5312 Address Line 4: Princeton, NEW JERSEY 08540-6620											
ATTORNEY DOCKET NUMBER:	PD100027										
NAME OF SUBMITTER:	Patricia A. Verlangieri										
Signature:	/Patricia A. Verlangieri, Reg. No 42201/										
Date:	05/23/2013										
Total Attachments: 2 source=PD100027ASSIGNMENTFORUSPTO#page1.tif source=PD100027ASSIGNMENTFORUSPTO#page2.tif											

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

Thereby declare that I am the sole inventor (if only one inventor is named below) or 2 of the
inventions relating
to APPARATUS COMPRISING A PICKUP PROVIDING MULTIPLE BEAMS

described in an Application for Patent
filed on 09/MAY/2011 under Serial
No. PCT/EP11/057365 and described in the file associated
Docket
No. PD100027 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, 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 or 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 is now 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>Villingen</u>	Date	<u>26.10.2012</u>
Inventor (1)	<u>Herbert HOELZEMANN</u> (Type or Print)	<u>Herbert Holzemann</u> (Signature in Full No initials)	
Post Office Address	<u>Famweg 2, 78048 Villingen, Germany</u>		
1st Witness	<u>Qilong Feng</u> (Type or Print)	<u>Qilong Feng</u> (Signature in Full No initials)	
2nd Witness	<u>Marten Kabisch</u> (Type or Print)	<u>Marten Kabisch</u> (Signature in Full No initials)	
Signed at		Date	
Inventor (2)	<u>Stephan KNAPPMANN</u> (Type or Print)	<u>Stephan Knappmann</u> (Signature in Full No initials)	
Post Office Address	<u>Birkenweg 11, 78658 Zimmern ob Rottweil, Germany</u>		
1st Witness		<u>(Signature in Full No initials)</u>	
2nd Witness		<u>(Signature in Full No initials)</u>	

After this Assignment has been recorded please RETURN to:
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 2 joint inventors (if plural inventors are named below) of the inventions relating to **APPARATUS COMPRISING A PICKUP PROVIDING MULTIPLE BEAMS**

described in an Application for Patent filed on 09/MAY/2011 under Serial No. PCT/EP11/057365 and described in the file associated with Docket No. PD100027, 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.

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Signed at			Date		
Inventor (1)	<u>Herbert HOELZEMANN</u>				
	(Type or Print)			(Signature in Full. No initials.)	
Post Office Address	<u>Farnweg 2, 78048 Villingen, Germany</u>				
1st Witness					
	(Type or Print)			(Signature in Full. No initials.)	
2nd Witness					
	(Type or Print)			(Signature in Full. No initials.)	
Signed at	<u>Villingen</u>		Date	<u>26.10.2012</u>	
Inventor (2)	<u>Stephan KNAPPMANN</u>			<u>Stephan Knappmann</u>	
	(Type or Print)			(Signature in Full. No initials.)	
Post Office Address	<u>Birkenweg 11, 78658 Zimmern ob Rottweil, Germany</u>				
1st Witness	<u>HARTMUT RICHTER</u>			<u>H. Richter</u>	
	(Type or Print)			(Signature in Full. No initials.)	
2nd Witness	<u>STEFANIE KNAPPMANN</u>			<u>Stefanie Knappmann</u>	
	(Type or Print)			(Signature in Full. No initials.)	

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