

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>Shemimon Manalikudy Anthru</td> <td>04/20/2010</td> </tr> <tr> <td>Jens Cahnbley</td> <td>04/20/2010</td> </tr> <tr> <td>David Anthony Campana</td> <td>04/20/2010</td> </tr> <tr> <td>David Brian Anderson</td> <td>04/20/2010</td> </tr> <tr> <td>Ishan Mandrekar</td> <td>04/20/2010</td> </tr> <tr> <td>Dhruba Jyoti Baishya</td> <td>04/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Shemimon Manalikudy Anthru	04/20/2010	Jens Cahnbley	04/20/2010	David Anthony Campana	04/20/2010	David Brian Anderson	04/20/2010	Ishan Mandrekar	04/20/2010	Dhruba Jyoti Baishya	04/20/2010
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<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> </table>		Name:	Thomson Licensing	Street Address:	1-5 rue Jeanne d'Arc	City:	Issy les Moulineaux	State/Country:	FRANCE						
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Application Number:	13578933														
CORRESPONDENCE DATA															
<p>Fax Number: 6097346888</p> <p>Phone: 609-734-6828</p> <p>Email: adele.izzo@technicolor.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Robert D. Shedd, Patent Operations THOMS</p> <p>Address Line 1: P. O. Box 5312</p> <p>Address Line 4: Princeton, NEW JERSEY 08543-5312</p>															
ATTORNEY DOCKET NUMBER:	PU1000052														
NAME OF SUBMITTER:	Jerome G. Schaefer														
<p>Total Attachments: 2</p> <p>source=PU100052Assignment#page1.tif</p> <p>source=PU100052Assignment#page2.tif</p>															

CH \$40.00 13578933

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 6

inventions relating MEDIA CONTENT SPATIAL NAVIGATION

to described in an Application for Patent filed on February 19, 2010 under Serial No. 61/306,343 and described in the file associated with

Docket No. PU100052 listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on 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 therefore, 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>Princeton</u>	Date	<u>4/20/2010</u>
Inventor (1)	<u>Shemimon Manalikudy Anthru</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>27 Jeffrey Circle, Dayton, New Jersey 08810 USA</u>		
1st Witness	<u>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Signed at	<u>Princeton</u>	Date	<u>04/20/2010</u>
Inventor (2)	<u>Jens Cahnbley</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>10 Ellsworth Drive, Princeton Junction, New Jersey 08550 USA</u>		
1st Witness	<u>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Signed at	<u>Princeton</u>	Date	<u>4/20/2010</u>
Inventor (3)	<u>David Anthony Campana</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>24 Caraway Court, Princeton, New Jersey 08540 USA</u>		
1st Witness	<u>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	

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 (Cont'd)**

Signed at	<u>Princeton</u>	Date	<u>4/20/10</u>
Inventor (4)	<u>David Brian Anderson</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
	Post Office Address <u>317 E. 5th Street, Florence, New Jersey 08518 USA</u>		
1st Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
Signed at	<u>Princeton</u>	Date	<u>4/20/10</u>
Inventor (5)	<u>Ishan Mandrekar</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
	Post Office Address <u>404 Harvest Lane, Monmouth Junction, New Jersey 08852 USA</u>		
1st Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
Signed at	<u>Princeton</u>	Date	<u>4/20/10</u>
	<u>Dhruba Jyoti Baishya</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
	Post Office Address <u>3450 US-1, Princeton, NJ 08540 USA</u>		
1st Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness	<u>[Signature]</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
Signed at		Date	
Inventor (7)			
	Post Office Address		
1st Witness			
2nd Witness			

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