

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>Kang Ying CAI</td> <td>07/24/2012</td> </tr> <tr> <td>Jiheng YANG</td> <td>07/17/2012</td> </tr> <tr> <td>Jun TENG</td> <td>07/13/2012</td> </tr> <tr> <td>Zhijin XIA</td> <td>07/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kang Ying CAI	07/24/2012	Jiheng YANG	07/17/2012	Jun TENG	07/13/2012	Zhijin XIA	07/20/2012
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<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: 609-734-6828 Email: davida.fomarotto@technicolor.com Correspondent Name: Robert D. Shedd, Patent Operations THOMS Address Line 1: Two Independence Way, Suite No. 200 Address Line 4: Princeton, NEW JERSEY 08540-6620											
ATTORNEY DOCKET NUMBER:	PA100032										
NAME OF SUBMITTER:	Patricia A. Verlangier; Reg. No. 42,201										
Signature:	/Patricia A. Verlangieri/										

Date:

04/11/2013

Total Attachments: 2

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**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 _____ joint inventors (if plural inventors are named below) of inventions relating to

DIGITIZING APPARATUS FOR ENCODING GEOMETRIC PATTERNS AND METHOD AND APPARATUS FOR DECODING GEOMETRIC PATTERNS

_____ described in an Application filed on _____ under Application No. PC12/20100001541 and described in the Specification with Docket No. PA100032

I, for valuable consideration received, 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 right 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, make all affidavits, make all affidavits 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 working the same in said corporation, its successors, assigns or nominees.

I agree that I will contribute 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, in respect of and/or 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 any other name, in any and all countries and to make any 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 this 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.

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</u>	Date	<u>2012/7/24</u>
Inventor (1)	<u>CAI Kangying</u> (Type or Print)	<u>Cai Kangying</u> (Signature in Full - No initials)	
Post Office Address	8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA		
1st Witness	<u>Han Peng</u> (Type or Print)	<u>Han 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>2012.7.17</u>
Inventor (2)	<u>YANG Zhong</u> (Type or Print)	<u>Yang Zhong</u> (Signature in Full - No initials)	
Post Office Address	8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA		
1st Witness	<u>Han Peng</u> (Type or Print)	<u>Han 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>Shanghai, China</u>	Date	<u>2012/07/13</u>
Inventor (3)	<u>TENG Jun</u> (Type or Print)	<u>Teng Jun</u> (Signature in Full - No initials)	
Post Office Address	8F, Building A TECHNOLOGY FORTUNE CENTER, 8 Xue Qing Road, Hai Dian District, 100192 BEIJING - CHINA		
1st Witness	<u>Han Peng</u> (Type or Print)	<u>Han 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</u>	Date	<u>2010/07/20</u>
Inventor (3)	<u>XIA Zhiqin</u> (Type or Print)	(Signature)	<u>[Signature]</u>
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>Wan Rejian</u> (Type or Print)	(Signature in Pub. No. 10/10/10)	<u>Wan Rejian</u>
2nd Witness	<u>YU HONG</u> (Type or Print)	(Signature in Pub. No. 10/10/10)	<u>YU HONG</u>

After this Assignment has been received please RETURN to:

Pat Form Rev 01/2007

Patent Operations
THOMSON Licensing LLC
PO Box 5312
Providence, RI 02943-5312