

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHIGANG ZHANG	07/12/2012
XIAOJUN MA	05/07/2012
ASHWIN KASHYAP	08/08/2012
RECEIVING PARTY DATA	
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City:	ISSY LES MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14351692
CORRESPONDENCE DATA	
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Email:	adele.izzo@technicolor.com
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ATTORNEY DOCKET NUMBER:	PA110048
NAME OF SUBMITTER:	JEFFREY M. NAVON
SIGNATURE:	/Jeffrey M. Navon, Reg. No. 32711/
DATE SIGNED:	05/22/2014
Total Attachments: 3	
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source=PA110048_Assignment#page2.tif	
source=PA110048_Assignment#page3.tif	

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 inventors relating to

SYSTEM AND METHOD FOR AUTOMATIC CONTENT PROGRAM DISCOVERY

described in an Application filed on October 18, 2011 under Application No. PCT/CN2011/020984 and described in the file associated with Docket No. PA110048

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 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 the same 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 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 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 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>Toronto, Canada</u>	Date	<u>7/12/2012</u>
Inventor (1)	<u>ZHANG Zhigang</u> (Type or Print)	<u>Zhang Zhigang</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>[Signature]</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials)	
2nd Witness	<u>YU CHENG</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials)	
Signed at		Date	
Inventor (2)	<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			(Signature in Full. No initials)
2nd Witness			(Signature in Full. No initials)
Signed at		Date	
Inventor (3)	<u>KASHYAP, ASHWIN S.</u> (Type or Print)		(Signature in Full. No initials)
Post Office Address	<u>735 Emerson Street, California 94301 PALO ALTO - USA</u>		
1st Witness			(Signature in Full. No initials)
2nd Witness			(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

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SYSTEM AND METHOD FOR AUTOMATIC CONTENT PROGRAM DISCOVERY

described in an Application filed on October 18, 2011 under Application No. PCT/CHN2011/020994 and described in the file associated with Docket No. PA110048

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 the thereto in said corporation, its successors, assigns or nominees.

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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.

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Signed at	_____	Date	_____
Inventor (1)	<u>ZHANG Zhigang</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	_____		(Signature in Full. No initials.)
2nd Witness	_____		(Signature in Full. No initials.)
Signed at	<u>Beijing China</u>	Date	<u>5/9/2011</u>
Inventor (2)	<u>MA Xiaojun</u> (Type or Print)		<u>Xiaojun MA</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>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	_____	Date	_____
Inventor (3)	<u>KASHYAP, ASHWIN S.</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>735 Emerson Street, California 94301 PALO ALTO - USA</u>		
1st Witness	_____		(Signature in Full. No initials.)
2nd Witness	_____		(Signature in Full. No initials.)

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described in an Application for Patent filed on October 19, 2011 under Serial No PCT/CN2011/080924 and described in the file associated with Docket No. PA110048 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.

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Signed at	_____	Date	_____
Inventor (1)	<u>Zhigang ZHANG</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>8th Floor, Building A, Technology Fortune Center, No. 8 Xueqing Road, Haidian District, Beijing 100192, China</u>		
1st Witness	_____		(Signature in Full. No initials.)
2nd Witness	_____		(Signature in Full. No initials.)
Signed at	_____	Date	_____
Inventor (2)	<u>Xiaojun MA</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>8th Floor, Building A, Technology Fortune Center, No. 8 Xueqing Road, Haidian District, Beijing 100192, China</u>		
1st Witness	_____		(Signature in Full. No initials.)
2nd Witness	_____		(Signature in Full. No initials.)
Signed at	<u>Home.</u>	Date	<u>8/8/2012</u>
Inventor (3)	<u>Ashwin KASHYAP</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>2310 Rock Street, Apt. 12, Mountain View, California 94043 USA</u>		
1st Witness	_____		(Signature in Full. No initials.)
2nd Witness	_____		(Signature in Full. No initials.)

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