RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 2050.061US1	Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Name: OpenTV, Inc. Andrew Zeldis, Gina Terada, David A. Merkoski, Jared Marr, Benjamin A. Rottler, Jordan Kanarek, Matthew Street Address: 275 Sacramento Street Huntington, Celine Pering, David Scott Nazarian, Joshua City: San Francisco State: CA Zip: <u>94111</u> Country: United States of America Additional name(s) of conveying party(ies) attached? Additional name(s) & address(es) attached? [jYes [XjNo []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: August 25, 2010, April 1, 2009, October 14, 2010, May 22, 2009, October 15, 2010, August 18, 2010, February 27, 2009, March 15, 2009, August 17, 2010, March 4, 2009 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 12/377,653, filed February 16, 2009 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 40.00 concerning document should be mailed: Name: Joseph J. Wang []Enclosed [X] Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

of the original document.

Joseph J. Wang/Reg. No. 61,123

Name of Person Signing

06/30/2011 Date

Total number of pages including cover sheet: 41

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450

> **PATENT REEL: 026552 FRAME: 0659**

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ASSIGNMENT

WHEREAS, We, Andrew Zeldis, residing at 420 Bryant St., San Francisco, CA 94107, and Gina Terada, residing at 420 Bryant St., San Francisco, CA 94107, and David A. Merkoski, residing at 420 Bryant Street, San Francisco, CA 94107, and Jared Marr, residing at 420 Bryant St., San Francisco, CA 94107, and Benjamin A. Rottler, residing at 1849 Filbert St., San Francisco, CA 94123, and Jordan Kanarek, residing at 2140 Taylor St., San Francisco, CA 94133, and Matthew Huntington, residing at 23 Gordon Avenue, Twickenham, TWI INII, United Kingdom, and Celine Pering, residing at 2316 Amherst St., Palo Alto, CA 94306, and David Scott Nazarian, residing at 1415 Indiana St. #301, San Francisco, CA 94107, and Joshua Wagner, residing at 1775 O'Farrell Street. Apt. 16, San Francisco, CA 94115, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 16, 2009, which application was assigned U.S. patent application serial number 12/377,653, and is entitled METHOD AND SYSTEM TO SEARCH VIEWABLE CONTENT;

AND WHEREAS, OpenTV, Inc., a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>275</u> Sacramento Street, San Francisco, CA 94111 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

Docket No: 2050.061US1 Serial Number: 12/377.653 Filing Date: February 16: 2009

Page 2 of 4

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignce, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 2010.
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Docket No. 2050 061US1 Scrial Number : 12/377.653 Filing Date : February 16, 2009 Page 4 of 4	
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Joshua Wagner

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Docket No: 2050.061US1 Serial Number , 12/377,653 Filing Date: February 16, 2009 Page 3 of 4 IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010. Benjamin A. Rottler IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2010. Jordan Kanarek IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2010. Matthew Huntington IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2010. Celine Pering IN TESTIMONY WHEREOF, I have hereunto set my hand this / day of Autous 7, 2010.

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Serial Number: 12/3/7,633 Filing Date: February 16, 2009 Page 3 of 4	
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Docket No: 2050,061US1 Serial Number: 12/377,653 Filing Date: February 16, 2009

Page 2 of 3

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Docket No. 2050.061US1 Serial Number : 17/377-653 Filing Date : February 16, 2009 Page 4 of 4	
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Joshua Wagner

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ASSIGNMENT

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Docket No: 2050.061US1 Scrial Number: 12/377,653 Filing Date: February 16, 2009

Page 2 of 2

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David S. Nazarian

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Scrial Number: 12/377,653 Filing Date: February 16, 2009 Page 2 of 4		
AND, for the consideration aforesaid, we do herelegal representatives will make, execute and deliver any including any and all further application papers, affidavend will communicate to said Assignce, its successors and relating to said improvements and the history thereof and generally do all things which may be necessary or desirvest in said Assignce, its successors or assigns the entire reimprovements, inventions, applications, Letters Patent, advantages hereby sold, assigned and conveyed, or intended	y and all other instrum- rits, assignments and of ad representatives all fac- will testify in all legal prable more effectually tright, title and interest in rights, titles, benefits,	nents in writing ther documents cts known to us proceedings and o secure to and and to the said
AND, furthermore, we covenant and agree with sa that no assignment, grant, mortgage, license or other agree terein conveyed has been made to others by us and that expressed is possessed by us.	ement affecting the righ	its and property
N TESTIMONY WHEREOF, I have hereunto set my hand this	s day of	, 2009.
Andrew Zeldis		
N TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 2009.
Gina Terada		
N TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 2009,
David Λ. Merkoski		
TESTIMONY WHEREOF, I have hereunto set my hand this	22 day of May	, 2009.

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Docket No: 2050.061US1 Serial Number : 12/377,653 Filing Date : February 16, 2009 Page 3 of 4	· ,	_
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	,, 2009.
Benjamin A. Rottler	<u> </u>	
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 2009.
Jordan Kanarek		
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	
Matthew Huntington		
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 2009.
Celine Pering		
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 2009.
David S. Nazarian		

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IN TES	STIMONY W	HEREOF, I have hereunto se	t my hand this	day of	, 2009.
		Joshua W	Vagner	« ·	

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ASSIGNMENT

WHEREAS, We, Andrew Zeldis, residing at 420 Bryant St., San Francisco, CA 94107, and Gina Terada, residing at 420 Bryant St., San Francisco, CA 94107, and David A. Merkoski, residing at 420 Bryant Street, San Francisco, CA 94107, and Jared Marr, residing at 420 Bryant St., San Francisco, CA 94107, and Benjamin A. Rottler, residing at 1849 Filbert St., San Francisco, CA 94123, and Jordan Kanarek, residing at 2140 Taylor St., San Francisco, CA 94133, and Matthew Huntington, residing at 23 Gordon Avenue, Twickenham, TWI INH, United Kingdom, and Celine Pering, residing at 2316 Amherst St., Palo Alto, CA 94306, and David Scott Nazarian, residing at 1415 Indiana St. #301, San Francisco, CA 94107, and Joshua Wagner, residing at 1775 O'Farrell Street, Apt. 16, San Francisco, CA 94115, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 16, 2009, which application was assigned U.S. patent application serial number 12/377.653, and is entitled METHOD AND SYSTEM TO SEARCH VIEWABLE CONTENT;

AND WHEREAS, OpenTV, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 275 Sacramento Street, San Francisco, CA 94111 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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Decket No: 2050.061US1 Scrial Number: 12/377,653 Filing Date: February 16, 2009

Page 2 of 4

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents. and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have h	ercunto set my hand this	day of	, 2009.
	Andrew Zeldis		<u> </u>
IN TESTIMONY WHEREOF, I have h	crcunto set my hand this	day of APPIL	, 2009.
IN TESTIMONY WHEREOF, I have h	ereunto set my hand this	day of	, 2009.
	David A. Merkoski		
IN TESTIMONY WHEREOF, I have h	crounto set my hand this	day of	, 2009.
	Jared Marr		

David S. Nazarian

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Docket No: 2050.061US1 Serial Number: 12/377,653 Filing Date: February 16, 2009 Page 4 of 4

IN TESTIMONY WHEREOF, I have hereunto set my hand this

_ day of March

2009.

Joshua Wagner

PATENT

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ASSIGNMENT

WHEREAS, We, Andrew Zeldis, residing at 420 Bryant St., San Francisco, CA 94107, and Gina Terada, residing at 420 Bryant St., San Francisco, CA 94107, and David A. Merkoski, residing at 420 Bryant Street, San Francisco, CA 94107, and Jared Marr, residing at 420 Bryant St., San Francisco, CA 94107, and Benjamin A. Rottler, residing at 1849 Filbert St., San Francisco, CA 94123, and Jordan Kanarek, residing at 2140 Taylor St., San Francisco, CA 94133, and Matthew Huntington, residing at 23 Gordon Avenue, Twickenham, TWI INH, United Kingdom, and Celine Pering, residing at 2316 Amherst St., Palo Alto, CA 94306, and David Scott Nazarian, residing at 1415 Indiana St. #301, San Francisco, CA 94107, and Joshua Wagner, residing at 1775 O'Farrell Street, Apt. 16, San Francisco, CA 94115, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 16, 2009, which application was assigned U.S. patent application serial number 12/377,653, and is entitled METHOD AND SYSTEM TO SEARCH VIEWABLE CONTENT;

AND WHEREAS, <u>OpenTV</u>, <u>Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>275</u> <u>Sacramento Street</u>, <u>San Francisco</u>, <u>CA 94111</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto	sct my hand this	_ day of	, 2011.
	w Zeldis		necosa persona resourcia de servicio de la composicio de
IN TESTIMONY WHEREOF, I have hereunto s	set my hand this	_ day of	, 2011.
Gina T	erada	4	
IN TESTIMONY WHEREOF, I have hereunto	set my hand this	_ day of	, 2011.
David .	A. Merkoski		
IN TESTIMONY WHEREOF, I have hereunto	set my hand this	_ day of	, 2011.
Jared N	Лarr	on land land boot land. Y. F. Y.	

Docket No: 2050,061US1 Serial Number: 12/377,653 Filing Date: February 16, 2009 Page 3 of 4 IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2009. Benjamin A. Rottler IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2009. Jordan Kanarek IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2009. Matthew Huntington IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of March __, 2009.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2009.

David S. Nazarian

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Docket No: 2050.061US1 Serial Number: 12/377,653 Filing Date: February 16, 2009 Page 4 of 4 IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of ______, 2011.

Joshua Wagner

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PATENT REEL: 026552 FRAME: 0691

RECORDED: 06/30/2011

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