

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5390173

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
SILICON VALLEY BANK, AS BANK	02/22/2019
RECEIVING PARTY DATA	
Name:	ROKU, INC.
Street Address:	150 WINCHESTER CIRCLE
City:	LOS GATOS
State/Country:	CALIFORNIA
Postal Code:	95032
PROPERTY NUMBERS Total: 90	
Property Type	Number
Patent Number:	9807462
Patent Number:	8788578
Patent Number:	9131260
Patent Number:	9286854
Patent Number:	8938755
Patent Number:	8977721
Patent Number:	8627388
Patent Number:	9137578
Patent Number:	8539286
Patent Number:	9363575
Patent Number:	8959562
Patent Number:	9875002
Patent Number:	8839050
Patent Number:	9288547
Patent Number:	9805033
Patent Number:	9705947
Patent Number:	9519645
Patent Number:	10114661
Patent Number:	9270563
Patent Number:	9185446

PATENT

Property Type	Number
Patent Number:	9420338
Patent Number:	9693003
Patent Number:	9794883
Patent Number:	9473940
Patent Number:	9894400
Patent Number:	9613586
Patent Number:	10091581
Patent Number:	9601006
Patent Number:	9544654
Patent Number:	9681198
Patent Number:	10048936
Patent Number:	9479813
Patent Number:	9621989
Patent Number:	10127371
Patent Number:	9723258
Patent Number:	10122781
Patent Number:	10057654
Patent Number:	9848231
Patent Number:	9794150
Patent Number:	9996311
Patent Number:	10110943
Patent Number:	9667630
Patent Number:	9936263
Patent Number:	9866904
Patent Number:	9749700
Patent Number:	10003834
Patent Number:	9865225
Patent Number:	9788111
Patent Number:	10110887
Patent Number:	9967634
Patent Number:	D546337
Patent Number:	D558781
Patent Number:	D679680
Patent Number:	D676005
Patent Number:	D748649
Patent Number:	D748131
Patent Number:	D750120
Patent Number:	D783552

Property Type	Number
Patent Number:	D797121
Patent Number:	D795271
Patent Number:	D781911
Application Number:	14536463
Application Number:	14558648
Application Number:	14755833
Application Number:	14813584
Application Number:	14813703
Application Number:	14813766
Application Number:	14958283
Application Number:	14984292
Application Number:	15010916
Application Number:	15070491
Application Number:	15076162
Application Number:	15220696
Application Number:	15233207
Application Number:	15249985
Application Number:	15332743
Application Number:	15341552
Application Number:	15343426
Application Number:	15357289
Application Number:	15357595
Application Number:	15359747
Application Number:	15363236
Application Number:	15455561
Application Number:	15477275
Application Number:	15478413
Application Number:	15478444
Application Number:	15478448
Application Number:	29556313
Application Number:	62317870
Application Number:	29556306

CORRESPONDENCE DATA

Fax Number:

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Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	1050107 PAT E
NAME OF SUBMITTER:	BRANDON OKUN
SIGNATURE:	/Brandon Okun/
DATE SIGNED:	02/25/2019

Total Attachments: 27

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TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENT** (this “*Termination and Release*”) is dated as of February 22, 2019 by **SILICON VALLEY BANK** (“*Bank*”), in favor of **ROKU, INC.**, a Delaware corporation (“*Grantor*”).

WHEREAS, pursuant to a Loan and Security Agreement dated as of January 20, 2009 by and between Grantor and Bank, Grantor executed and delivered an Intellectual Property Security Agreement, dated as of January 20, 2009 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**2009 Agreement**”), granting and pledging to the Bank a security interest in all of Grantor’s right, title and interest in, to certain intellectual property, which was recorded with (i) the Patent division of the United States Patent and Trademark Office (“**USPTO**”) on February 9, 2009 at Reel 022266, Frame 0112 and on July 20, 2010 at Reel 024711, Frame 0260 and (ii) the Trademark division of the USPTO on February 12, 2009 at Reel 3951, Frame 0131 and on July 20, 2010 at Reel 4245, Frame 0237;

WHEREAS, pursuant to a Loan and Security Agreement dated as of July 26, 2010 by and between Grantor and Bank, Grantor executed and delivered (a) an Intellectual Property Security Agreement, dated as of July 26, 2010 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**2010 Agreement**”), granting and pledging to the Bank a security interest in all of Grantor’s right, title and interest in, to certain intellectual property, (b) an Intellectual Property Security Agreement, dated as of April 27, 2012 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**April 2012 Agreement**”), granting and pledging to the Bank a security interest in all of Grantor’s right, title and interest in, to certain intellectual property, which was recorded with the United States Copyright Office (“**USCO**”) on May 9, 2012 at Volume 3605 Doc No. 937, (c) an Addendum to Intellectual Property Security Agreement, dated as of May 31, 2012 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**May 2012 Addendum Agreement**”), granting and pledging to the Bank a security interest in all of Grantor’s right, title and interest in, to certain intellectual property, which was recorded with (i) the Patent division of the USPTO on June 4, 2012 at Reel 028316, Frame 0958; (ii) the Trademark division of the USPTO on June 4, 2012 at Reel 4794, Frame 0322 and (iii) the USCO on June 11, 2012 at Volume 3616 Doc No. 819;

WHEREAS, pursuant to an Amended and Restated Loan and Security Agreement dated as of November 18, 2014 by and between Grantor and Bank, Grantor executed and delivered (a) an Addendum to Intellectual Property Security Agreement, dated as of May 14, 2015 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**2015 Agreement**”), granting and pledging to the Bank a security interest in all of Grantor’s right, title and interest in, to certain intellectual property, which was recorded with (i) the Patent division of the USPTO on June 1, 2015 at Reel 035753, Frame 0739 and (ii) the Trademark division of the USPTO on June 1, 2015 at Reel 5526, Frame 0959 and (b) an Amended and Restated Intellectual Property Security Agreement, dated as of June 9, 2017 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**A&R IP Agreement**”, together with the 2009 Agreement, the 2010 Agreement, the April 2012 Agreement, the Addendum 2012 Agreement,

and the 2015 Agreement, each individually and collectively, jointly and severally, the “*Intellectual Property Security Agreement*”), granting and pledging to the Bank a security interest in all of Grantor’s right, title and interest in, to and under certain intellectual property, which was recorded with (i) the Patent division of the USPTO on June 12, 2017 at Reel 042768, Frame 0268, (ii) the Trademark division of the USPTO on June 12, 2017 at Reel 6082, Frame 0256, and (iii) the USCO on June 13, 2017 at Volume 9949 Doc No. 778;

WHEREAS, Grantor has requested that Bank hereby terminate the Intellectual Property Security Agreement as herein provided; and

WHEREAS, Grantor has requested that the Bank provide a document suitable for recording with the USPTO and USCO to evidence the termination of the Intellectual Property Security Agreement as herein provided.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Bank hereby:

1. terminates the Intellectual Property Security Agreement and releases, terminates and discharges the liens on and security interests in Grantor’s right, title and interest in, to and under the intellectual property as granted in the Intellectual Property Security Agreement, including those copyrights and copyright applications, patents and patent applications, and trademarks and trademark applications identified in Schedule I hereto; and
2. authorizes and requests that this Termination and Release be recorded with the USPTO and USCO.

THIS TERMINATION AND RELEASE SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF CALIFORNIA (INCLUDING, WITHOUT LIMITATION, SECTION 5-1401 OF THE GENERAL OBLIGATIONS LAW) WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPLES.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release by its duly authorized officer as of the date first above written.

SILICON VALLEY BANK, as Bank

By: Kyle Larrabee

Name: Kyle Larrabee

Title: Vice President

SCHEDULE I TO
TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY
AGREEMENT

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VOLUME/DOC No.: 3605/937

Registration No.	Title:
VA 1-793-137	Visual Material Roku XD
VA 1-793-140	Visual Material Roku XDS

VOLUME/DOC No.: 3616/819

Registration No.	Title:
VA 1-793-137	Visual Material Roku XD
VA 1-793-140	Visual Material Roku XDS

VOLUME/DOC No.: 9949/778

Registration No.	Title:
VA 1-793-137	Visual Material Roku XD
VA 1-793-140	Visual Material Roku XDS

SCHEDULE I TO
TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY
AGREEMENT

PATENTS

REEL/FRAME: 022266/0112

Patent	Publication	Application
1. UNIVERSAL MUSIC APPARATUS FOR UNIFYING ACCESS TO MULTIPLE SPECIALIZED MUSIC SERVERS Inventors: ANTHONY JOHN WOOD, MICHAEL JOSEPH KOB, GREGORY MACK GARNER, DANIEL SLETTEN, DONALD ROBERT WOODWARD JR.		
None	20060253547 Nov 9, 2006	11327180 Jan 6, 2006
2. GRAPHICAL USER INTERFACE COMPUTER ICON FOR A MONITOR DISPLAY Inventors: SUSAN WOOD, DOUGLAS GLEN SHANNON, MICHAEL JOSEPH KOB, ANTHONY JOHN WOOD		
D546337 Jul 10, 2007		29213529 Sep 17, 2004
3. UNIVERSAL MUSIC PLAYER Inventors: ANTHONY JOHN WOOD, DANIEL KENDALL HARDEN		
D558781 Jan 1, 2008		29220974 Jan 7, 2005

REEL/FRAME: 024711/0260

Patent	Publication	Application
1. METHOD, APPARATUS, SYSTEM AND COMPUTER READABLE MEDIUM FOR PROVIDING A UNIVERSAL MEDIA INTERFACE TO CONTROL A UNIVERSAL MEDIA APPARATUS Inventors: ANTHONY JOHN WOOD, MICHAEL JOSEPH KOB, GREGORY MACK GARNER, DANIEL SLETTEN, DONALD ROBERT WOODWARD JR.		
None	20090125609 May 14, 2009	11479156 Jun 29, 2006

REEL/FRAME: 028316/0958

Patent	Publication	Application
1. APPARATUS AND METHOD FOR PRESENTATION OF PORTABLY-STORED CONTENT ON AN HIGH-DEFINITION DISPLAY Inventors: ANTHONY JOHN WOOD, DONALD ROBERT WOODWARD JR., DOUGLAS GLEN SHANNON, DANIEL SLETTEN, PATRICK MICHAEL ELLIS, GREGORY MACK GARNER, MICHAEL JOSEPH KOB		
None	20050062888 Mar 24, 2005	10665978 Sep 19, 2003
2. APPARATUS AND METHOD FOR MULTI-USER CONSTRUCTION OF TAGGED VIDEO DATA Inventors: GREG GARNER, DAVID WESTERHOFF, MARK GOODWIN, WENDY ABOWD, PATRICK ELLIS		
None	20120131624 May 24, 2012	12952958 Nov 23, 2010
3. APPARATUS AND METHOD FOR AGGREGATING MEDIA CONTENT Inventors: ANTHONY WOOD		
9807462 Oct 31, 2017	20120260291 Oct 11, 2012	13082256 Apr 7, 2011
4. METHOD AND APPARATUS FOR CUSTOMIZED PROVISIONING OF ON-LINE APPLICATION CHANNELS Inventors: ANTHONY WOOD, DAVID STERN, DAVID WESTERHOFF, BILL ATARAS, MARK GOODWIN, AARON GRAHAM, MATT EMERSON, KEVIN PHILLIPS		
8788578 Jul 22, 2014	20130018938 Jan 17, 2013	13180375 Jul 11, 2011
5. INTERNET ACCESS CARD FOR DEPLOYMENT WITHIN A TELEVISION Inventors: GREG GARNER, ANTHONY WOOD, LLOYD KLARKE, CARL SASSENATH		
None	20130111537 May 2, 2013	13286122 Oct 31, 2011
6. STREAMING MEDIA SYSTEM Inventors: LLOYD KLARKE, GREG GARNER, CARL SASSENATH, ANTHONY WOOD		
9131260 Sep 8, 2015	20130111521 May 2, 2013	13340507 Dec 29, 2011
7. MULTI-INTERFACE STREAMING MEDIA SYSTEM Inventors: LLOYD KLARKE, GREG GARNER, CARL SASSENATH, ANTHONY WOOD, SCOTT EDWARD DE HAAS		

Patent	Publication	Application
9286854 Mar 15, 2016	20130111533 May 2, 2013	13347619 Jan 10, 2012
8. METHOD AND APPARATUS FOR IDENTIFYING AND RECOMMENDING CONTENT Inventors: GREGORY MACK GARNER, DAVID A. WESTERHOFF, WENDY M. ABOWD, THOMAS C. MARKSWORTH, PATRICK ELLIS, JONATHAN COLORADO CRISWELL		
None	20130262431 Oct 3, 2013	13431866 Mar 27, 2012
9. METHOD AND APPARATUS FOR RECURRING CONTENT SEARCHES AND VIEWING WINDOW NOTIFICATION Inventors: MARK GOODWIN, THOMAS C. MARKSWORTH, JONATHAN COLORADO CRISWELL		
8938755 Jan 20, 2015	20130262619 Oct 3, 2013	13431886 Mar 27, 2012
10. METHOD AND APPARATUS FOR DYNAMIC PRIORITIZATION OF CONTENT THROUGH INTERACTIVE BROWSING Inventors: ANTHONY JOHN WOOD, DAVID A. WESTERHOFF, JONATHAN COLORADO CRISWELL		
None	20130262558 Oct 3, 2013	13431901 Mar 27, 2012
11. METHOD AND APPARATUS FOR DYNAMIC PRIORITIZATION OF CONTENT LISTINGS Inventors: MARK GOODWIN, THOMAS C. MARKSWORTH, DAVID A. WESTERHOFF		
8977721 Mar 10, 2015	20130262633 Oct 3, 2013	13431910 Mar 27, 2012
12. METHOD AND APPARATUS FOR DISPLAYING INFORMATION ON A SECONDARY SCREEN Inventors: THOMAS C. MARKSWORTH, JONATHAN COLORADO CRISWELL		
None	20130262997 Oct 3, 2013	13431923 Mar 27, 2012
13. METHOD AND APPARATUS FOR HANDLING CONTENT REQUESTS AND PLAYLIST INFORMATION Inventors: ANTHONY WOOD, DAVID A. WESTERHOFF, PATRICK ELLIS, MARK GOODWIN		
None	20130262620 Oct 3, 2013	13431928 Mar 27, 2012
14. METHOD AND APPARATUS FOR CHANNEL PRIORITIZATION Inventors: ANTHONY WOOD, MARK GOODWIN		
8627388 Jan 7, 2014	20130263185 Oct 3, 2013	13431937 Mar 27, 2012

Patent	Publication	Application
15. REMOTE CONTROL Inventors: ANTHONY WOOD, LLOYD KLARKE, CHARLES SEIBER		
D679680 Apr 9, 2013		29397869 Jul 21, 2011
16. METHOD AND APPARATUS FOR SHARING CONTENT Inventors: Jim Funk, Brandon Noffsinger		13431932 Mar 27, 2012
17. ELECTRONIC DEVICE		29397167 July 11, 2011
18. METHOD AND APPARATUS FOR SHARING CONTENT		13431918 Mar 27, 2012

REEL/FRAME: 035753/0739

Patent	Publication	Application
1. METHOD AND APPARATUS FOR SHARING CONTENT Inventors: GREG GARNER		
9137578 Sep 15, 2015	20130263189 Oct 3, 2013	13778068 Feb 26, 2013
2. METHOD AND APPARATUS OF ERROR REPORTING Inventors: TOMOKO SHINTANI, DAVID SHARP		
8539286 Sep 17, 2013		13778088 Feb 26, 2013
3. METHOD AND APPARATUS FOR VIEWING INSTANT REPLAY Inventors: WIM MICHELS, ANTHONY WOOD, PATRICK ELLIS		
9363575 Jun 7, 2016	20140241696 Aug 28, 2014	13778094 Feb 26, 2013
4. METHOD AND APPARATUS FOR AUTOMATIC SECOND SCREEN ENGAGEMENT Inventors: TOMOKO SHINTANI, GREG GARNER		

Patent	Publication	Application
8959562 Feb 17, 2015	20140240597 Aug 28, 2014	13778100 Feb 26, 2013
5. METHOD AND APPARATUS FOR CONTENT BROWSING AND SELECTION Inventors: ALI M. VASSIGH, JANA KOVACEVIC, JEFFREY PAUL ANDERSON, VINCENT CLEMENT DA SILVA		
9875002 Jan 23, 2018	20140245222 Aug 28, 2014	13778105 Feb 26, 2013
6. METHOD AND APPARATUS OF ERROR REPORTING Inventors: DAVID SHARP, TOMOKO SHINTANI		
8839050 Sep 16, 2014	20140245083 Aug 28, 2014	14028428 Sep 16, 2013
7. METHOD AND APPARATUS FOR CHANNEL PRIORITIZATION Inventors: ANTHONY WOOD, MARK GOODWIN		
9288547 Mar 15, 2016	20140123188 May 1, 2014	14148564 Jan 6, 2014
8. POPULATION OF CUSTOMIZED CHANNELS Inventors: ANTHONY WOOD		
9805033 Oct 31, 2017	20140372464 Dec 18, 2014	14216867 Mar 17, 2014
9. METHOD AND APPARATUS FOR CUSTOMIZED PROVISIONING OF ON-LINE APPLICATION CHANNELS Inventors: DAVID STERN, ANTHONY WOOD, DAVID WESTERHOFF, MARK GOODWIN, MATT EMERSON, BILL ATARAS, AARON GRAHAM, KEVIN PHILLIPS		
9705947 Jul 11, 2017	20140330940 Nov 6, 2014	14336480 Jul 21, 2014
10. SYSTEM AND METHOD FOR SEARCHING MULTIMEDIA Inventors: BRANDON NOFFSINGER, JIM FUNK		
9519645 Dec 13, 2016	20150066913 Mar 5, 2015	14536339 Nov 7, 2014
11. SYSTEM AND METHOD FOR COLLECTING DATA Inventors: SAMIR SAXENA		
None	20160134924 May 12, 2016	14536463 Nov 7, 2014
12. SYSTEM AND METHOD FOR FAST STARTING AN APPLICATION		

Patent	Publication	Application
Inventors: CRAIG JOHNSON, JIM FUNK, DAVID MENDENHALL		
10114661 Oct 30, 2018	20160132344 May 12, 2016	14536481 Nov 7, 2014
13. APPARATUS AND METHOD FOR CONTENT PLAYBACK UTILIZING CROWD SOURCED STATISTICS Inventors: FRANK MAKER, PAT BROUILLETTE		
9270563 Feb 23, 2016		14552202 Nov 24, 2014
14. SYSTEM AND METHOD FOR SEARCHING MULTIMEDIA Inventors: BRANDON NOFFSINGER, JIM FUNK		
None	20150088869 Mar 26, 2015	14558648 Dec 2, 2014
15. METHOD AND APPARATUS FOR AUTOMATIC SECOND SCREEN ENGAGEMENT Inventors: GREG GARNER, TOMOKO SHINTANI		
9185446 Nov 10, 2015		14582113 Dec 23, 2014
16. APPARATUS AND METHOD FOR PROVIDING POWER ON AND POWER OFF FOR A DISPLAY DEVICE Inventors: ALI VASSIGH, DAVID WESTERHOFF, JEFF ANDERSON		
9420338 Aug 16, 2016		14582117 Dec 23, 2014
17. APPARATUS AND METHOD FOR TIMER-BASED CONTROL OF AUDIOVISUAL OUTPUT DEVICES Inventors: ALI VASSIGH		
9693003 Jun 27, 2017		14582120 Dec 23, 2014
18. WIRELESS STREAMING SYSTEM WITH LOW POWER MODE AND ASSOCIATED REMOTE CONTROL Inventors: GREG GARNER		
9794883 Oct 17, 2017		14582132 Dec 23, 2014
19. AUTHENTICATING A BROWSER-LESS DATA STREAMING DEVICE TO A NETWORK WITH AN EXTERNAL BROWSER Inventors: ALLEN TSZ-CHIU WONG, BHARATH BHOOPALAM		
9473940 Oct 18, 2016	20160249213 Aug 25, 2016	14668528 Mar 25, 2015

Patent	Publication	Application
20. PROFILE DRIVEN COMMUNICATION POLLING FOR REMOTE CONTROL Inventors: FRANK LLEWELLYN MAKER III		
9894400 Feb 13, 2018	20160337686 Nov 17, 2016	14710226 May 12, 2015
21. SET TOP BOX Inventors: CHARLES SEIBER, ANTHONY WOOD, WENDY M. ABOWD		
D676005 Feb 12, 2013		29425373 Jun 21, 2012
22. DISPLAY SCREEN WITH AN ANIMATED ELECTRONIC PROGRAM GUIDE Inventors: JANA KOVACEVIC, ALI M. VASSIGH, VINCENT CLEMENT DA SILVA, JEFFREY PAUL ANDERSON		
D748649 Feb 2, 2016		29447539 Mar 4, 2013
23. AUTHENTICATING A BROWSER-LESS DATA STREAMING DEVICE TO A NETWORK WITH AN EXTERNAL BROWSER INVENTORS: ALLEN TSZ-CHIU WONG, BHARATH BHOOPALAM		62118928 Feb 20, 2015
24. APPARATUS AND METHOD FOR NAMING A DEVICE CONNECTED TO A TELEVISION INVENTORS: DAVID SHARP, JEFF BUSH, JIM FUNK, WIM MICHIELS, DALE LUCK		62096527 Dec 23, 2014
25. APPARATUS AND METHOD FOR RESTORING A DISABLED TELEVISION SPEAKER INVENTORS: DAVID SHARP		62096530 Dec 23, 2014
26. METHOD AND APPARATUS FOR DYNAMIC PRIORITIZATION OF CONTENT THROUGH INTERACTIVE BROWSING		13431918 March 27, 2012
27. METHOD AND APPARATUS FOR BANDWIDTH ALLOCATION		13778076 February 26, 2013
28. METHOD AND APPARATUS FOR VOLUME CONTROL ON A REMOTE CONTROL		13783154 March 1, 2013
29. METHOD AND APPARATUS UTILIZING MULTIPLE REMOTE CONTROLS AND		13887188 May 3, 2013

Patent	Publication	Application
HEADSETS		
30. METHOD AND APPARATUS FOR ACTIVATING A SYSTEM THROUGH A REMOTE CONTROL		13783169 March 1, 2013
31. METHOD AND APPARATUS FOR DISPLAYING INFORMATION ON A SECONDARY SCREEN		PCT US2013033928 March 26, 2013
32. METHOD AND APPARATUS FOR IDENTIFYING AND RECOMMENDING CONTENT		PCT US2013033929 March 26, 2013
33. APPARATUS AND METHOD FOR MULTI-USER CONTRUCTIONS OF TAGGED VIDEO		PCT US2011061926 November 22, 2011
34. METHOD AND APPARATUS FOR CUSTOMIZED PROVISIONING OF ON-LINE APPLICATION CHANNELS		PCT US2012046107 July 10, 2012

REEL/FRAME: 042768/0268

Patent	Publication	Application
1. APPARATUS AND METHOD FOR AGGREGATING MEDIA CONTENT Inventors: ANTHONY WOOD		
9807462 Oct 31, 2017	20120260291 Oct 11, 2012	13082256 Apr 7, 2011
2. METHOD AND APPARATUS FOR CUSTOMIZED PROVISIONING OF ON-LINE APPLICATION CHANNELS Inventors: ANTHONY WOOD, DAVID STERN, DAVID WESTERHOFF, BILL ATARAS, MARK GOODWIN, AARON GRAHAM, MATT EMERSON, KEVIN PHILLIPS		
8788578 Jul 22, 2014	20130018938 Jan 17, 2013	13180375 Jul 11, 2011
3. STREAMING MEDIA SYSTEM Inventors: LLOYD KLARKE, GREG GARNER, CARL SASSENATH, ANTHONY WOOD		
9131260 Sep 8, 2015	20130111521 May 2, 2013	13340507 Dec 29, 2011
4. MULTI-INTERFACE STREAMING MEDIA SYSTEM Inventors: LLOYD KLARKE, GREG GARNER, CARL SASSENATH, ANTHONY WOOD, SCOTT EDWARD DE		

Patent	Publication	Application
HAAS		
9286854 Mar 15, 2016	20130111533 May 2, 2013	13347619 Jan 10, 2012
5. METHOD AND APPARATUS FOR RECURRING CONTENT SEARCHES AND VIEWING WINDOW NOTIFICATION Inventors: MARK GOODWIN, THOMAS C. MARKSWORTH, JONATHAN COLORADO CRISWELL		
8938755 Jan 20, 2015	20130262619 Oct 3, 2013	13431886 Mar 27, 2012
6. METHOD AND APPARATUS FOR DYNAMIC PRIORITIZATION OF CONTENT LISTINGS Inventors: MARK GOODWIN, THOMAS C. MARKSWORTH, DAVID A. WESTERHOFF		
8977721 Mar 10, 2015	20130262633 Oct 3, 2013	13431910 Mar 27, 2012
7. METHOD AND APPARATUS FOR CHANNEL PRIORITIZATION Inventors: ANTHONY WOOD, MARK GOODWIN		
8627388 Jan 7, 2014	20130263185 Oct 3, 2013	13431937 Mar 27, 2012
8. METHOD AND APPARATUS FOR SHARING CONTENT Inventors: GREG GARNER		
9137578 Sep 15, 2015	20130263189 Oct 3, 2013	13778068 Feb 26, 2013
9. METHOD AND APPARATUS OF ERROR REPORTING Inventors: TOMOKO SHINTANI, DAVID SHARP		
8539286 Sep 17, 2013		13778088 Feb 26, 2013
10. METHOD AND APPARATUS FOR VIEWING INSTANT REPLAY Inventors: WIM MICHELS, ANTHONY WOOD, PATRICK ELLIS		
9363575 Jun 7, 2016	20140241696 Aug 28, 2014	13778094 Feb 26, 2013
11. METHOD AND APPARATUS FOR AUTOMATIC SECOND SCREEN ENGAGEMENT Inventors: TOMOKO SHINTANI, GREG GARNER		
8959562 Feb 17, 2015	20140240597 Aug 28, 2014	13778100 Feb 26, 2013

Patent	Publication	Application
12. METHOD AND APPARATUS FOR CONTENT BROWSING AND SELECTION Inventors: ALI M. VASSIGH, JANA KOVACEVIC, JEFFREY PAUL ANDERSON, VINCENT CLEMENT DA SILVA		
9875002 Jan 23, 2018	20140245222 Aug 28, 2014	13778105 Feb 26, 2013
13. METHOD AND APPARATUS OF ERROR REPORTING Inventors: DAVID SHARP, TOMOKO SHINTANI		
8839050 Sep 16, 2014	20140245083 Aug 28, 2014	14028428 Sep 16, 2013
14. METHOD AND APPARATUS FOR CHANNEL PRIORITIZATION Inventors: ANTHONY WOOD, MARK GOODWIN		
9288547 Mar 15, 2016	20140123188 May 1, 2014	14148564 Jan 6, 2014
15. POPULATION OF CUSTOMIZED CHANNELS Inventors: ANTHONY WOOD		
9805033 Oct 31, 2017	20140372464 Dec 18, 2014	14216867 Mar 17, 2014
16. METHOD AND APPARATUS FOR CUSTOMIZED PROVISIONING OF ON-LINE APPLICATION CHANNELS Inventors: DAVID STERN, ANTHONY WOOD, DAVID WESTERHOFF, MARK GOODWIN, MATT EMERSON, BILL ATARAS, AARON GRAHAM, KEVIN PHILLIPS		
9705947 Jul 11, 2017	20140330940 Nov 6, 2014	14336480 Jul 21, 2014
17. SYSTEM AND METHOD FOR SEARCHING MULTIMEDIA Inventors: BRANDON NOFFSINGER, JIM FUNK		
9519645 Dec 13, 2016	20150066913 Mar 5, 2015	14536339 Nov 7, 2014
18. SYSTEM AND METHOD FOR COLLECTING DATA Inventors: SAMIR SAXENA		
None	20160134924 May 12, 2016	14536463 Nov 7, 2014
19. SYSTEM AND METHOD FOR FAST STARTING AN APPLICATION Inventors: CRAIG JOHNSON, JIM FUNK, DAVID MENDENHALL		
10114661	20160132344	14536481

Patent	Publication	Application
Oct 30, 2018	May 12, 2016	Nov 7, 2014
20. APPARATUS AND METHOD FOR CONTENT PLAYBACK UTILIZING CROWD SOURCED STATISTICS Inventors: FRANK MAKER, PAT BROUILLETTE		
9270563 Feb 23, 2016		14552202 Nov 24, 2014
21. SYSTEM AND METHOD FOR SEARCHING MULTIMEDIA Inventors: BRANDON NOFFSINGER, JIM FUNK		
None	20150088869 Mar 26, 2015	14558648 Dec 2, 2014
22. METHOD AND APPARATUS FOR AUTOMATIC SECOND SCREEN ENGAGEMENT Inventors: GREG GARNER, TOMOKO SHINTANI		
9185446 Nov 10, 2015		14582113 Dec 23, 2014
23. APPARATUS AND METHOD FOR PROVIDING POWER ON AND POWER OFF FOR A DISPLAY DEVICE Inventors: ALI VASSIGH, DAVID WESTERHOFF, JEFF ANDERSON		
9420338 Aug 16, 2016		14582117 Dec 23, 2014
24. APPARATUS AND METHOD FOR TIMER-BASED CONTROL OF AUDIOVISUAL OUTPUT DEVICES Inventors: ALI VASSIGH		
9693003 Jun 27, 2017		14582120 Dec 23, 2014
25. WIRELESS STREAMING SYSTEM WITH LOW POWER MODE AND ASSOCIATED REMOTE CONTROL Inventors: GREG GARNER		
9794883 Oct 17, 2017		14582132 Dec 23, 2014
26. AUTHENTICATING A BROWSER-LESS DATA STREAMING DEVICE TO A NETWORK WITH AN EXTERNAL BROWSER Inventors: ALLEN TSZ-CHIU WONG, BHARATH BHOOPALAM		
9473940 Oct 18, 2016	20160249213 Aug 25, 2016	14668528 Mar 25, 2015
27. PROFILE DRIVEN COMMUNICATION POLLING FOR REMOTE CONTROL		

Patent	Publication	Application
Inventors: FRANK LLEWELLYN MAKER III		
9894400 Feb 13, 2018	20160337686 Nov 17, 2016	14710226 May 12, 2015
28. PROVIDING A REPRESENTATION FOR A DEVICE CONNECTED TO A DISPLAY DEVICE Inventors: DAVID SHARP, JEFF BUSH, JIM FUNK, WIM MICHIELS, DALE LUCK		
9613586 Apr 4, 2017	20160180806 Jun 23, 2016	14755753 Jun 30, 2015
29. RESTORING A DISABLED DISPLAY DEVICE SPEAKER Inventors: DAVID SHARP		
None	20160179459 Jun 23, 2016	14755833 Jun 30, 2015
30. SOLID-STATE CAPTURE OF BROADCAST MEDIA Inventors: GREGORY M. GARNER		
None	20170034587 Feb 2, 2017	14813584 Jul 30, 2015
31. AUDIO PREFERENCES FOR MEDIA CONTENT PLAYERS Inventors: GREGORY MACK GARNER, PATRICK ALAN BROUILLETTE		
10091581 Oct 2, 2018	20170034621 Feb 2, 2017	14813628 Jul 30, 2015
32. DETECTION OF SMARTPHONE TO ENABLE CONTENT Inventors: GREGORY M. GARNER, JOSEPH HOLLINGER		
None	20170034559 Feb 2, 2017	14813703 Jul 30, 2015
33. MOBILE DEVICE BASED CONTROL DEVICE LOCATOR Inventors: GREGORY MACK GARNER, PATRICK ALAN BROUILLETTE		
None	20170030999 Feb 2, 2017	14813766 Jul 30, 2015
34. UNIVERSAL REMOTE CONTROL WITH AUTOMATIC STATE SYNCHRONIZATION Inventors: DON P. EVANS		
9601006	20170032665	14814217

Patent	Publication	Application
Mar 21, 2017	Feb 2, 2017	Jul 30, 2015
35. STREAMING MEDIA SYSTEM Inventors: LLOYD KLARKE, GREG GARNER, CARL SASSEN RATH, ANTHONY WOOD		
9544654 Jan 10, 2017	20150373417 Dec 24, 2015	14839379 Aug 28, 2015
36. DYNAMIC GENERATION OF TRICK MODE DATA Inventors: DAVID ALLEN WESTERHOFF, TIMOTHY JOHN GRANGER		
9681198 Jun 13, 2017	20170064409 Mar 2, 2017	14840962 Aug 31, 2015
37. AUDIO COMMAND INTERFACE FOR A MULTIMEDIA DEVICE Inventors: FRANK LLEWELLYN MAKER III		
10048936 Aug 14, 2018	20170060530 Mar 2, 2017	14857876 Sep 18, 2015
38. METHOD AND APPARATUS FOR AUTOMATIC SECOND SCREEN ENGAGEMENT Inventors: GREG GARNER, TOMOKO SHINTANI		
9479813 Oct 25, 2016	20160044360 Feb 11, 2016	14923061 Oct 26, 2015
39. AUDIO DEVICE WITH AUTOMATIC FAN CONTROL BASED ON A VOLUME LEVEL OF AUDIO CONTENT Inventors: GREGORY M. GARNER, JOSEPH HOLLINGER		
9621989 Apr 11, 2017	20170127179 May 4, 2017	14926713 Oct 29, 2015
40. DETECTION OF A MOBILE DEVICE TO IDENTIFY USER PREFERENCES AND PROVIDE CUSTOMIZED FUNCTIONALITY OR CONTENT Inventors: GREGORY M. GARNER, JOSEPH HOLLINGER		
None	20170034560 Feb 2, 2017	14958283 Dec 3, 2015
41. USER IDENTIFICATION BASED ON THE MOTION OF A DEVICE Inventors: ILYA ASNIIS		
10127371 Nov 13, 2018	20170169207 Jun 15, 2017	14966576 Dec 11, 2015

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42. PROVIDING ROLLING UPDATES OF DISTRIBUTED SYSTEMS WITH A SHARED CACHE Inventors: BILL ATARAS		
None	20170192884 Jul 6, 2017	14984292 Dec 30, 2015
43. ORIENTATION ADJUSTMENT FOR CASTING VIDEOS Inventors: GREGORY S. GATES		
9723258 Aug 1, 2017	20170195620 Jul 6, 2017	14984526 Dec 30, 2015
44. SELECTION OF VIDEO SEGMENTS FOR ADAPTIVE STREAMING Inventors: FRANCIS DEGRANGE		
10122781 Nov 6, 2018	20170223081 Aug 3, 2017	15010788 Jan 29, 2016
45. SELECTION AND ALIGNMENT OF VIDEO SEGMENTS FOR ADAPTIVE STREAMING Inventors: FRANCIS DEGRANGE		
10057654 Aug 21, 2018	20170223424 Aug 3, 2017	15010857 Jan 29, 2016
46. EXTENDED SELECTION AND ALIGNMENT OF VIDEO SEGMENTS FOR ADAPTIVE STREAMING Inventors: FRANCIS DEGRANGE		
None	20170223074 Aug 3, 2017	15010916 Jan 29, 2016
47. MULTI-INTERFACE STREAMING MEDIA SYSTEM Inventors: LLOYD KLARKE, GREG GARNER, CARL SASSEN RATH, ANTHONY WOOD, SCOTT EDWARD DE HAAS		
9848231 Dec 19, 2017	20160165304 Jun 9, 2016	15043115 Feb 12, 2016
48. APPARATUS AND METHOD FOR CONTENT PLAYBACK UTILIZING CROWD SOURCED STATISTICS Inventors: PAT BROUILLETTE, FRANK MAKER		
9794150 Oct 17, 2017	20160248651 Aug 25, 2016	15049348 Feb 22, 2016
49. BROWN OUT CONDITION DETECTION AND DEVICE CALIBRATION Inventors: GREGORY GARNER, ANTHONY WOOD, SIMON MARTIN, DAVID STERN		

Patent	Publication	Application
None	20170269664 Sep 21, 2017	15070491 Mar 15, 2016
50. EFFICIENT COMMUNICATION INTERFACE FOR CASTING INTERACTIVELY CONTROLLED VISUAL CONTENT Inventors: GREGORY S. GATES, HAROLD SUN, MICHAEL CHIN-MING FU		
9996311 Jun 12, 2018	20170269895 Sep 21, 2017	15070800 Mar 15, 2016
51. CONTROLLING DISPLAY DEVICE SETTINGS FROM A MOBILE DEVICE TOUCH INTERFACE Inventors: STEVE SHAW-JONG LIU, JAMES HAROLD SHAW, ANITA RANGANATH, MICHAEL CHIN-MING FU, GREGORY S. GATES, MATTHEW WEE, KEVIN RALPH COOPER, CHARLES L. SMITH, HAROLD SUN		
None	20170270848 Sep 21, 2017	15076162 Mar 21, 2016
52. STREAMING SYNCHRONIZED MEDIA CONTENT TO SEPARATE DEVICES Inventors: GREGORY S. GATES, MICHAEL CHIN-MING FU		
None	20170289246 Oct 5, 2017	15220696 Jul 27, 2016
53. FLEXIBLE OUTPUT OF STREAMING MEDIA Inventors: GREGORY M. GARNER, ANTHONY WOOD, GREGORY S. GATES, MICHAEL CHIN-MING FU		
10110943 Oct 23, 2018	20180035155 Feb 1, 2018	15225338 Aug 1, 2016
54. DISTRIBUTED VOICE PROCESSING SYSTEM Inventors: GREGORY M. GARNER, ANTHONY WOOD		
None	20180047386 Feb 15, 2018	15233207 Aug 10, 2016
55. CROWD SOURCED INDEXING AND/OR SEARCHING OF CONTENT Inventors: DAVID SHARP		
None	20170060858 Mar 2, 2017	15249985 Aug 29, 2016
56. AUTHENTICATING A BROWSER-LESS DATA STREAMING DEVICE TO A NETWORK WITH AN EXTERNAL BROWSER Inventors: ALLEN TSZ-CHIU WONG, BHARATH BHOOPALAM		
9667630	20170019404	15280091

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May 30, 2017	Jan 19, 2017	Sep 29, 2016
57. AUTHENTICATING A BROWSER-LESS DATA STREAMING DEVICE TO A NETWORK WITH AN EXTERNAL BROWSER Inventors: ALLEN TSZ-CHIU WONG, BHARATH BHOOPALAM		
9667630 May 30, 2017	20170019404 Jan 19, 2017	15280091 Sep 29, 2016
58. CONTROLLING DISPLAY OF MEDIA CONTENT Inventors: ANTHONY WOOD, SCOTT ROSENBERG, ILYA ASNIS		
9936263 Apr 3, 2018	20170195743 Jul 6, 2017	15283932 Oct 3, 2016
59. METHOD AND APPARATUS FOR AUTOMATIC SECOND SCREEN ENGAGEMENT Inventors: GREG GARNER, TOMOKO SHINTANI		
None	20170041657 Feb 9, 2017	15332743 Oct 24, 2016
60. RECEPTION OF AUDIO COMMANDS Inventors: GREGORY M. GARNER		
None	20180122373 May 3, 2018	15341552 Nov 2, 2016
61. SEARCHING MULTIMEDIA BASED ON TRIGGER EVENTS Inventors: JIM FUNK, BRANDON NOFFSINGER		
None	20170124076 May 4, 2017	15343426 Nov 4, 2016
62. INTERACTION RECOGNITION OF A TELEVISION CONTENT INTERACTION DEVICE Inventors: SYLVAIN RENÉ YVES LOUBOUTIN		
9866904 Jan 9, 2018		15348592 Nov 10, 2016
63. RECOMMENDING CONTENT BASED ON USER BEHAVIOR TRACKING AND ANALYSIS Inventors: SYLVAIN RENÉ YVES LOUBOUTIN		
None	20180146253 May 24, 2018	15357289 Nov 21, 2016

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64. AUTOMATIC DISPLAY OF CLOSED CAPTIONING INFORMATION Inventors: JOSEPH HOLLINGER		
9749700 Aug 29, 2017		15357319 Nov 21, 2016
65. STREAMING CONTENT BASED ON SKIP HISTORIES Inventors: JOSEPH HOLLINGER		
None	20180146054 May 24, 2018	15357595 Nov 21, 2016
66. PREDICTIVE APPLICATION CACHING Inventors: DAVID STERN, ANTHONY WOOD		
None	20180143746 May 24, 2018	15359747 Nov 23, 2016
67. SKIPPING CONTENT OF LESSER INTEREST WHEN STREAMING MEDIA Inventors: ANTHONY WOOD, JOSEPH HOLLINGER		
None	20180152489 May 31, 2018	15363236 Nov 29, 2016
68. ENHANCED TRICK MODE TO ENABLE PRESENTATION OF INFORMATION RELATED TO CONTENT BEING STREAMED Inventors: ANTHONY WOOD		
10003834 Jun 19, 2018	20180152743 May 31, 2018	15363263 Nov 29, 2016
69. PROVIDING A REPRESENTATION FOR A DEVICE CONNECTED TO A DISPLAY DEVICE Inventors: DAVID SHARP, JEFF BUSH, JIM FUNK, WIM MICHIELS, DALE LUCK		
9865225 Jan 9, 2018	20170162169 Jun 8, 2017	15436041 Feb 17, 2017
70. AUDIO DEVICE WITH AUTOMATIC FAN CONTROL BASED ON A VOLUME LEVEL OF AUDIO CONTENT Inventors: GREGORY M. GARNER, JOSEPH HOLLINGER		
9788111 Oct 10, 2017	20170188146 Jun 29, 2017	15455520 Mar 10, 2017
71. CONNECTOR DEVICE WITH ANTENNA CONNECTION Inventors: GREGORY GARNER, TITO THOMAS		

Patent	Publication	Application
None	20180262280 Sep 13, 2018	15455561 Mar 10, 2017
72. DISPLAY DIAGNOSTICS FOR ENHANCING PERFORMANCE OF DISPLAY DEVICES Inventors: DAVID MENDENHALL, JASON SILVER, WADE BROWN, LLOYD KLARKE, SUKH GOSAL, ALI VASSIGH		
10110887 Oct 23, 2018	20180278926 Sep 27, 2018	15465147 Mar 21, 2017
73. REMOTE CONTROL WITH CONFIGURABLE BUTTONS Inventors: WILLIAM DANIEL STRAUSS, SCOTT EDWARD DE HAAS, GREGORY MACK GARNER, JEFFREY JOHN PETERS, ANTHONY WOOD		
None	20180286607 Oct 4, 2018	15477275 Apr 3, 2017
74. TIME AND CONTENT RESTRICTIONS BASED ON USER-IDENTIFICATION Inventors: ILYA ASNIS, TITO THOMAS, GREGORY M. GARNER, ANTHONY WOOD		
None	20180288115 Oct 4, 2018	15478413 Apr 4, 2017
75. NETWORK-BASED USER IDENTIFICATION Inventors: ILYA ASNIS, GREGORY M. GARNER, TITO THOMAS, ANTHONY WOOD		
None	20180288813 Oct 4, 2018	15478444 Apr 4, 2017
76. INTERACTION-BASED USER IDENTIFICATION Inventors: ILYA ASNIS, GREGORY M. GARNER, TITO THOMAS, ANTHONY WOOD		
None	20180288116 Oct 4, 2018	15478448 Apr 4, 2017
77. CROWD SOURCED DYNAMIC GENERATION OF TRICK MODE DATA Inventors: DAVID ALLEN WESTERHOFF, TIMOTHY JOHN GRANGER		
9967634 May 8, 2018	20170245021 Aug 24, 2017	15588314 May 5, 2017
78. GRAPHICAL USER INTERFACE COMPUTER ICON FOR A MONITOR DISPLAY Inventors: SUSAN WOOD, DOUGLAS GLEN SHANNON, MICHAEL JOSEPH KOBBS, ANTHONY JOHN WOOD		
D546337 Jul 10, 2007		29213529 Sep 17, 2004

Patent	Publication	Application
79. UNIVERSAL MUSIC PLAYER Inventors: ANTHONY JOHN WOOD, DANIEL KENDALL HARDEN		
D558781 Jan 1, 2008		29220974 Jan 7, 2005
80. REMOTE CONTROL Inventors: ANTHONY WOOD, LLOYD KLARKE, CHARLES SEIBER		
D679680 Apr 9, 2013		29397869 Jul 21, 2011
81. SET TOP BOX Inventors: CHARLES SEIBER, ANTHONY WOOD, WENDY M. ABOWD		
D676005 Feb 12, 2013		29425373 Jun 21, 2012
82. DISPLAY SCREEN WITH AN ANIMATED ELECTRONIC PROGRAM GUIDE Inventors: JANA KOVACEVIC, ALI M. VASSIGH, VINCENT CLEMENT DA SILVA, JEFFREY PAUL ANDERSON		
D748649 Feb 2, 2016		29447539 Mar 4, 2013
83. DISPLAY SCREEN WITH AN ANIMATED ELECTRONIC PROGRAM GUIDE Inventors: ALI M. VASSIGH, JEFFREY PAUL ANDERSON, JANA KOVACEVIC, VINCENT CLEMENT DA SILVA		
D748131 Jan 26, 2016		29534716 Jul 30, 2015
84. DISPLAY SCREEN WITH AN ANIMATED ELECTRONIC PROGRAM GUIDE Inventors: ALI M. VASSIGH, JEFFREY PAUL ANDERSON, JANA KOVACEVIC, VINCENT CLEMENT DA SILVA		
D750120 Feb 23, 2016		29534717 Jul 30, 2015
85. ELECTRONIC DEVICE Inventors: GREGORY MICHAEL HOGAN		
D783552 Apr 11, 2017		29548956 Dec 17, 2015
86. DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE Inventors: CHRISTOPHER JAMES TEGETHOFF		

Patent	Publication	Application
D797121 Sep 12, 2017		29556309 Feb 29, 2016
87. DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE Inventors: CHRISTOPHER JAMES TEGETHOFF		
D795271 Aug 22, 2017		29556311 Feb 29, 2016
88. DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE Inventors: CHRISTOPHER JAMES TEGETHOFF		
D781911 Mar 21, 2017		29556313 Feb 29, 2016
89. STREAMING SYNCHRONIZED MEDIA CONTENT TO SEPARATE DEVICES INVENTORS: GREGORY GATES, MICHAEL CHIN- MING		62317870 Apr 4, 2016
90. DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE		29556306 February 29, 2016

SCHEDULE I TO
TERMINATION AND RELEASE OF INTELLECTUAL PROPERTY SECURITY
AGREEMENT

TRADEMARKS

ROQUEUE	United States	Registered	77933684	11-Feb-2010	None	None
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REEL/FRAME: 3951/0131

Total properties: 7

- 1 Serial #: 77109487 Filing Dt: 02/16/2007 Reg #: 3323468 Reg. Dt: 10/30/2007
Mark: BRIGHTSIGN
- 2 Serial #: 78279128 Filing Dt: 07/25/2003 Reg #: 3177666 Reg. Dt: 11/28/2006
Mark: ROKU
- 3 Serial #: 78445640 Filing Dt: 07/02/2004 Reg #: 3112828 Reg. Dt: 07/04/2006
Mark: SOUNDBRIDGE
- 4 Serial #: 78537364 Filing Dt: 12/22/2004 Reg #: 3121974 Reg. Dt: 07/25/2006
Mark: PHOTOBRIDGE
- 5 Serial #: 78791739 Filing Dt: 01/13/2006 Reg #: NONE Reg. Dt:
Mark: ROKU RADIO
- 6 Serial #: 78791759 Filing Dt: 01/13/2006 Reg #: NONE Reg. Dt:
Mark: ROKU RADIO
- 7 Serial #: 78791768 Filing Dt: 01/13/2006 Reg #: NONE Reg. Dt:
Mark: ROKU RADIO

REEL/FRAME: 4245/0237

Total properties: 1

- 1 Serial #: 77933684 Filing Dt: 02/11/2010 Reg #: NONE Reg. Dt:
Mark: ROQUEUE

REEL/FRAME: 4794/0322

Total properties: 2

- 1 Serial #: 85360478 Filing Dt: 06/30/2011 Reg #: 4102030 Reg. Dt: 02/21/2012
Mark: STOP DREAMING. START STREAMING.
- 2 Serial #: 85360484 Filing Dt: 06/30/2011 Reg #: 4102031 Reg. Dt: 02/21/2012
Mark: THERE'S A TON OF ENTERTAINMENT IN THIS LITTLE BOX

REEL/FRAME: 5526/0959

Total properties: 15

- 1 Serial #: 85659333 Filing Dt: 06/22/2012 Reg #: 4318939 Reg. Dt: 04/09/2013
Mark: ROKU READY
- 2 Serial #: 85660714 Filing Dt: 06/25/2012 Reg #: 4286058 Reg. Dt: 02/05/2013
Mark: ROKU
- 3 Serial #: 85660716 Filing Dt: 06/25/2012 Reg #: 4286059 Reg. Dt: 02/05/2013
Mark: ROKU
- 4 Serial #: 85671642 Filing Dt: 07/09/2012 Reg #: 4314899 Reg. Dt: 04/02/2013
Mark: ROKU READY
- 5 Serial #: 85688052 Filing Dt: 07/26/2012 Reg #: 4329663 Reg. Dt: 04/30/2013
Mark:
- 6 Serial #: 85688053 Filing Dt: 07/26/2012 Reg #: 4329664 Reg. Dt: 04/30/2013
Mark:
- 7 Serial #: 85690425 Filing Dt: 07/30/2012 Reg #: 4336488 Reg. Dt: 05/14/2013
Mark:
- 8 Serial #: 85691596 Filing Dt: 07/31/2012 Reg #: 4329666 Reg. Dt: 04/30/2013
Mark:
- 9 Serial #: 86282756 Filing Dt: 05/15/2014 Reg #: 4618984 Reg. Dt: 10/07/2014
Mark: STREAMING STICK
- 10 Serial #: 86347734 Filing Dt: 07/25/2014 Reg #: 4937513 Reg. Dt: 04/12/2016
Mark: ROKU
- 11 Serial #: 86347736 Filing Dt: 07/25/2014 Reg #: 4937514 Reg. Dt: 04/12/2016
Mark: ROKU
- 12 Serial #: 86347739 Filing Dt: 07/25/2014 Reg #: 5151588 Reg. Dt: 02/28/2017
Mark: ROKU
- 13 Serial #: 86347740 Filing Dt: 07/25/2014 Reg #: 4937515 Reg. Dt: 04/12/2016
Mark: ROKU
- 14 Serial #: 86372743 Filing Dt: 08/20/2014 Reg #: 4843920 Reg. Dt: 11/03/2015
Mark:
- 15 Serial #: 86372745 Filing Dt: 08/20/2014 Reg #: 4839473 Reg. Dt: 10/27/2015
Mark:

REEL/FRAME: 6082/0256

Total properties: 18

- 1 Serial #: 78279128 Filing Dt: 07/25/2003 Reg #: 3177666 Reg. Dt: 11/28/2006
Mark: ROKU
- 2 Serial #: 85360478 Filing Dt: 06/30/2011 Reg #: 4102030 Reg. Dt: 02/21/2012
Mark: STOP DREAMING. START STREAMING.
- 3 Serial #: 85360484 Filing Dt: 06/30/2011 Reg #: 4102031 Reg. Dt: 02/21/2012

Mark: THERE'S A TON OF ENTERTAINMENT IN THIS LITTLE BOX

- 4 Serial # : 85659333 Filing Dt: 06/22/2012 Reg # : 4318939 Reg. Dt: 04/09/2013
 Mark: ROKU READY
- 5 Serial # : 85660714 Filing Dt: 06/25/2012 Reg # : 4286058 Reg. Dt: 02/05/2013
 Mark: ROKU
- 6 Serial # : 85660716 Filing Dt: 06/25/2012 Reg # : 4286059 Reg. Dt: 02/05/2013
 Mark: ROKU
- 7 Serial # : 85671642 Filing Dt: 07/09/2012 Reg # : 4314899 Reg. Dt: 04/02/2013
 Mark: ROKU READY
- 8 Serial # : 85688052 Filing Dt: 07/26/2012 Reg # : 4329663 Reg. Dt: 04/30/2013
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- 9 Serial # : 85688053 Filing Dt: 07/26/2012 Reg # : 4329664 Reg. Dt: 04/30/2013
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- 10 Serial # : 85690425 Filing Dt: 07/30/2012 Reg # : 4336488 Reg. Dt: 05/14/2013
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- 11 Serial # : 85691596 Filing Dt: 07/31/2012 Reg # : 4329666 Reg. Dt: 04/30/2013
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- 12 Serial # : 86282756 Filing Dt: 05/15/2014 Reg # : 4618984 Reg. Dt: 10/07/2014
 Mark: STREAMING STICK
- 13 Serial # : 86347734 Filing Dt: 07/25/2014 Reg # : 4937513 Reg. Dt: 04/12/2016
 Mark: ROKU
- 14 Serial # : 86347736 Filing Dt: 07/25/2014 Reg # : 4937514 Reg. Dt: 04/12/2016
 Mark: ROKU
- 15 Serial # : 86347739 Filing Dt: 07/25/2014 Reg # : 5151588 Reg. Dt: 02/28/2017
 Mark: ROKU
- 16 Serial # : 86347740 Filing Dt: 07/25/2014 Reg # : 4937515 Reg. Dt: 04/12/2016
 Mark: ROKU
- 17 Serial # : 86372743 Filing Dt: 08/20/2014 Reg # : 4843920 Reg. Dt: 11/03/2015
 Mark:
- 18 Serial # : 86372745 Filing Dt: 08/20/2014 Reg # : 4839473 Reg. Dt: 10/27/2015
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