

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5213616

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|-----------------------------------|--|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | SECURITY AGREEMENT (FIRST LIEN) | |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| TRITON US VP ACQUISITION CO. | | 10/29/2018 |
| RECEIVING PARTY DATA | | |
| Name: | BANK OF AMERICA, N.A., AS COLLATERAL AGENT | |
| Street Address: | ONE BRYANT PARK | |
| City: | NEW YORK | |
| State/Country: | NEW YORK | |
| Postal Code: | 10036 | |
| PROPERTY NUMBERS Total: 42 | | |
| Property Type | Number | |
| Patent Number: | 8789119 | |
| Patent Number: | 7796598 | |
| Patent Number: | 8069464 | |
| Patent Number: | 8578432 | |
| Patent Number: | 8270488 | |
| Patent Number: | 8565318 | |
| Patent Number: | 9197857 | |
| Patent Number: | 8713195 | |
| Patent Number: | 8111971 | |
| Patent Number: | 8613013 | |
| Patent Number: | 8781003 | |
| Patent Number: | 8655143 | |
| Patent Number: | 8731000 | |
| Patent Number: | 9832515 | |
| Patent Number: | 8201204 | |
| Patent Number: | 8068541 | |
| Patent Number: | 6618096 | |
| Patent Number: | 6543051 | |
| Patent Number: | 7159230 | |
| Patent Number: | 6986156 | |

PATENT

| Property Type | Number |
|---------------------|----------|
| Patent Number: | 6978310 |
| Patent Number: | 7274857 |
| Patent Number: | 8358916 |
| Patent Number: | 8301016 |
| Patent Number: | 7053960 |
| Patent Number: | 8370889 |
| Patent Number: | 8886022 |
| Patent Number: | 9819899 |
| Patent Number: | 9426479 |
| Patent Number: | 7881546 |
| Patent Number: | 7864840 |
| Patent Number: | 9241197 |
| Patent Number: | 9154819 |
| Application Number: | 10981053 |
| Application Number: | 11365182 |
| Application Number: | 11164115 |
| Application Number: | 12389458 |
| Application Number: | 12389588 |
| Application Number: | 12389453 |
| Application Number: | 15607542 |
| Application Number: | 15619938 |
| Application Number: | 14795353 |

CORRESPONDENCE DATA

Fax Number: (800)914-4240

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: james.murray@wolterskluwer.com

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Address Line 2: CT CORPORATION

Address Line 4: COLUMBUS, OHIO 43219

| | |
|---------------------------|------------|
| NAME OF SUBMITTER: | DORIS KA |
| SIGNATURE: | /Doris Ka/ |
| DATE SIGNED: | 10/30/2018 |

Total Attachments: 14

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FIRST LIEN PATENT SECURITY AGREEMENT

This First Lien Patent Security Agreement (this “Agreement”), dated as of October 29, 2018, is entered into by the undersigned (the “Grantor”) in favor of Bank of America, N.A., as collateral agent (together with its successors and assigns, in such capacity, the “Collateral Agent”).

WHEREAS, Grantor and certain other parties have executed and delivered that certain First Lien U.S. Pledge and Security Agreement, dated on even date herewith, in favor of the Collateral Agent (the “Pledge and Security Agreement”) pursuant to which Grantor and certain other parties have granted to Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in all of Grantor’s and certain other parties’ right, title, and interest in and to certain collateral including the Patent Collateral (as defined below);

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantor and the Collateral Agent hereby agree as follows:

SECTION 1. Defined Terms. Capitalized terms not otherwise defined herein have the meanings set forth in the Pledge and Security Agreement.

SECTION 2. Grant of Security Interest. Subject to the terms of the Pledge and Security Agreement, Grantor hereby grants to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in and continuing lien on all of Grantor’s right, title and interest in, to and under the following, in each case whether now owned or existing or hereafter acquired, developed, created or arising and wherever located, as collateral security for the prompt and complete payment and performance when due of the Obligations of Grantor: all Patents owned by Grantor, including, without limitation, the Patents set forth on Schedule A attached hereto (collectively, the “Patent Collateral”).

SECTION 3. Security Agreement. The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Pledge and Security Agreement, and Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Pledge and Security Agreement, the provisions of the Pledge and Security Agreement shall control.

SECTION 4. Recordation. Grantor authorizes and requests that the Commissioner of Patents and Trademarks and any other applicable government officer record this Agreement.

SECTION 5. Governing Law. This agreement and the rights and obligations of the parties hereunder and any claim or controversy relating hereto shall be governed by, and construed and interpreted in accordance with, the laws of the State of New York, without regard to its conflicts of laws principles.

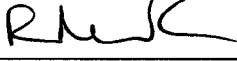
SECTION 6. Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

[Signature page follows]


IN WITNESS WHEREOF, the undersigned has caused this Agreement to be duly executed and delivered as of the date first above written.

GRANTOR:

TRITON US VP ACQUISITION CO.

By: 
Name: Richard Medlock
Title: President

BANK OF AMERICA, N.A., as Collateral
Agent

By: 
(Authorized Signatory)

SCHEDULE A

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|----------------|------------|-------------|------------|---------|---|-----------|------------------------------|
| BR0011486 | 2000-06-09 | | | BR | Systems and methods for adaptive programming and dynamic management of allocation of resources of width of band in a digital system of transmission of ample band | Revoked | Triton US VP Acquisition Co. |
| CA2663907 | 2006-11-09 | CA2663907 | 8/11/2014 | CA | Atomic channel changes in a switched digital video system | Abandoned | Triton US VP Acquisition Co. |
| CA2472244 | 2002-12-20 | CA2472244 | 5/31/2010 | CA | Trick modes for compressed video streams | Abandoned | Triton US VP Acquisition Co. |
| CA2501468 | 2003-10-07 | CA2501468 | 12/20/2010 | CA | Systems and methods for adjusting image contrast | Abandoned | Triton US VP Acquisition Co. |
| CA2680851 | 2008-03-18 | CA2680851 | 1/5/2015 | CA | Switched digital video client reverse channel traffic reduction | Abandoned | Triton US VP Acquisition Co. |
| CA2644288 | 2007-02-28 | CA2644288 | 5/12/2014 | CA | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| CA2640607 | 2007-01-29 | CA2640607 | 6/10/2013 | CA | Systems and methods for transcoding bit streams | Lapsed | Triton US VP Acquisition Co. |
| CN200880119372 | 2008-12-05 | CN101889451 | 2/12/2013 | CN | Systems and Methods of Reducing Media Stream Delay Through Independent Decoder Clocks | Issued | Triton US VP Acquisition Co. |
| CN200980127658 | 2009-07-13 | CN102100077 | 4/22/2014 | CN | Splicing of encrypted video/audio content | Issued | Triton US VP Acquisition Co. |
| CN201680040393 | 2016-06-10 | | | CN | Transitioning between broadcast and unicast streams | Pending | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|------------------|------------|----------------|------------|---------|--|---------|------------------------------|
| EP08859355 | 2008-12-05 | EP2227910 | 2018-06-20 | DE | Reducing media stream delay through independent decoder clocks | Granted | Triton US VP Acquisition Co. |
| EP07811811 | 2007-02-28 | 1989885 | 12/20/2016 | DE | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| EP07756491 | 2007-02-28 | 1987677 | 3/5/2013 | DE | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| 6850128.7 | 2006-11-09 | 1949688 | 5/14/2013 | DE | Atomic channel changes in a switched digital video system | Issued | Triton US VP Acquisition Co. |
| DE602008004665 T | 2008-08-07 | EP2177037 | 1/18/2011 | DE | Bewahrung von Untertiteln durch Videotranskodierung | Issued | Triton US VP Acquisition Co. |
| DE602005021977 T | 2005-09-08 | DE602005021977 | 8/4/2010 | DE | Plattenbasierter Verarbeitungsmotor für Bewegungsvideo | Issued | Triton US VP Acquisition Co. |
| EP07756849 | 2007-02-10 | EP1982260 | 1/16/2018 | EP | Method and system for streaming digital video content to a client in a digital video network | Issued | Triton US VP Acquisition Co. |
| EP07811811 | 2007-02-28 | EP1989885 | 12/20/2016 | EP | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| EP07756491 | 2007-01-29 | EP1987677 | 3/5/2013 | EP | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| EP06850128 | 2006-11-09 | EP1949688 | 5/14/2013 | EP | Atomic channel changes in a switched digital video system | Issued | Triton US VP Acquisition Co. |
| EP08795100 | 2008-08-07 | EP2177037 | 1/18/2011 | EP | Preserving captioning through video transcoding | Issued | Triton US VP Acquisition Co. |
| EP05802648 | 2005-09-08 | EP1797721 | 6/22/2010 | EP | Slab-based processing engine for motion video | Issued | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|------------|------------|-----------|------------|---------|---|---------|------------------------------|
| EP10190879 | 2008-08-07 | EP2373050 | 10/9/2012 | EP | Preserving captioning through video transcoding | Lapsed | Triton US VP Acquisition Co. |
| EP08859355 | 2008-12-05 | EP2227910 | 06/20/2018 | EP | Reducing media stream delay through independent decoder clocks | Issued | Triton US VP Acquisition Co. |
| EP09790330 | 2009-07-13 | | | EP | Splicing of encrypted video/audio content | Pending | Triton US VP Acquisition Co. |
| EP02794331 | 2002-12-20 | | | EP | Trick modes for compressed video streams | Pending | Triton US VP Acquisition Co. |
| EP06750036 | 2006-04-13 | | | EP | Scene-by-scene digital video processing | Pending | Triton US VP Acquisition Co. |
| EP16739604 | 2016-06-10 | | | EP | Transitioning between broadcast and unicast streams | Pending | Triton US VP Acquisition Co. |
| EP00938251 | 2000-06-09 | EP1186160 | 3/12/2002 | EP | Systems and methods for adaptive scheduling and dynamic bandwidth resource allocation management in a digital broadband delivery system | Revoked | Triton US VP Acquisition Co. |
| EP08743986 | 2008-03-18 | EP2137968 | 12/29/2009 | EP | Switched digital video client reverse channel traffic reduction | Revoked | Triton US VP Acquisition Co. |
| EP08859355 | 2008-12-05 | EP2227910 | 2018-06-20 | FR | Reducing media stream delay through independent decoder clocks | Granted | Triton US VP Acquisition Co. |
| EP07811811 | 2007-02-28 | 1989885 | 12/20/2016 | FR | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| EP07756491 | 2007-02-28 | 1987677 | 3/5/2013 | FR | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|-------------------|------------|-----------|------------|---------|---|-----------|------------------------------|
| 6850128.7 | 2006-11-09 | 1949688 | 5/14/2013 | FR | Atomic Channel Changes In a Switched Digital Video System | Issued | Triton US VP Acquisition Co. |
| 8795100 | 2008-08-07 | 2177037 | 1/18/2011 | FR | Preserving captioning through video transcoding | Issued | Triton US VP Acquisition Co. |
| EP05802648 | 2005-09-08 | 1797721 | 6/22/2010 | FR | Slab-based processing engine for motion video | Issued | Triton US VP Acquisition Co. |
| EP08859355 | 2008-12-05 | EP2227910 | 2018-06-20 | GB | Reducing media stream delay through independent decoder clocks | Granted | Triton US VP Acquisition Co. |
| EP07811811 | 2007-02-28 | 1989885 | 12/20/2016 | GB | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| EP07756491 | 2007-02-28 | 1987677 | 3/5/2013 | GB | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| 6850128.7 | 2006-11-09 | 1949688 | 5/14/2013 | GB | Atomic channel changes in a switched digital video system | Issued | Triton US VP Acquisition Co. |
| 8795100 | 2008-08-07 | 2177037 | 1/18/2011 | GB | Preserving captioning through video transcoding | Issued | Triton US VP Acquisition Co. |
| EP05802648 | 2005-09-08 | 1797721 | 6/22/2010 | GB | Slab-based processing engine for motion video | Issued | Triton US VP Acquisition Co. |
| IN4800/DELNP/2010 | 2010-07-02 | | | IN | Systems and methods of reducing media stream delay through independent decoder clocks | Pending | Triton US VP Acquisition Co. |
| EP05802648 | 2005-09-08 | 1797721 | 6/22/2010 | SE | Slab-based processing engine for motion video | Abandoned | Triton US VP Acquisition Co. |
| 8795100 | 2008-08-07 | 2177037 | 1/18/2011 | SE | Preserving captioning through video transcoding | Issued | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|--------------|------------|-----------|------------|---------|--|--------|------------------------------|
| US10/956,432 | 2004-09-30 | US8789119 | 7/21/2014 | US | Statistical remultiplexer performance for video on demand applications by use of metadata | Issued | Triton US VP Acquisition Co. |
| US11/278,524 | 2006-04-03 | US7796598 | 9/13/2010 | US | Synchronizing redundant video streams encapsulated in ip/udp packets | Issued | Triton US VP Acquisition Co. |
| US11/829,492 | 2007-07-27 | US8069464 | 11/28/2011 | US | Architecture for scaling just-in-time placement of advertising content | Issued | Triton US VP Acquisition Co. |
| US11/952,969 | 2007-12-07 | US8578432 | 11/4/2013 | US | Policy control over switched delivery networks | Issued | Triton US VP Acquisition Co. |
| US11/872,684 | 2007-10-15 | US8270488 | 9/17/2012 | US | Using detection to improve video splicing | Issued | Triton US VP Acquisition Co. |
| US12/022,099 | 2008-01-29 | US8565318 | 10/21/2013 | US | Restamping transport streams to avoid vertical rolls | Issued | Triton US VP Acquisition Co. |
| US12/434,480 | 2009-05-01 | US9197857 | 11/23/2015 | US | Ip-based stream splicing with content-specific splice points | Issued | Triton US VP Acquisition Co. |
| US11/673,484 | 2007-02-09 | US8713195 | 4/28/2014 | US | Method and system for streaming digital video content to a client in a digital video network | Issued | Triton US VP Acquisition Co. |
| US12/328,071 | 2008-12-04 | US8111971 | 2/6/2012 | US | Systems and methods of reducing media stream delay through independent decoder clocks | Issued | Triton US VP Acquisition Co. |
| US12/138,257 | 2008-06-12 | US8613013 | 12/16/2013 | US | Ad splicing using re-quantization variants | Issued | Triton US VP Acquisition Co. |
| US12/175,101 | 2008-07-17 | US8781003 | 7/14/2014 | US | Splicing of encrypted video/audio content | Issued | Triton US VP Acquisition Co. |

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|--------------|------------|-----------|------------|---------|---|--------|------------------------------|
| US12/416,338 | 2009-04-01 | US8655143 | 2/17/2014 | US | Supplementary buffer construction in real-time applications without increasing channel change delay | Issued | Triton US VP Acquisition Co. |
| US12/569,982 | 2009-09-30 | US8731000 | 5/19/2014 | US | Decoding earlier frames with dts/pts backward extrapolation | Issued | Triton US VP Acquisition Co. |
| US14/282,113 | 2014-05-20 | US9832515 | 11/27/2017 | US | Dts/pts backward extrapolation for stream transition events | Issued | Triton US VP Acquisition Co. |
| US12/533,197 | 2009-07-31 | US8201204 | 6/11/2012 | US | Minimizing black video segments during ad insertion | Issued | Triton US VP Acquisition Co. |
| US11/365,286 | 2006-03-01 | US8068541 | 11/28/2011 | US | Systems and methods for transcoding bit streams | Issued | Triton US VP Acquisition Co. |
| US08/939,539 | 1997-09-29 | US6618096 | 9/8/2003 | US | System and method for adaptively balancing quadrature modulators for vestigial-sideband generation | Issued | Triton US VP Acquisition Co. |
| US09/368,561 | 1999-08-05 | US6543051 | 3/31/2003 | US | Emergency alert system | Issued | Triton US VP Acquisition Co. |
| US10/404,359 | 2003-04-01 | US7159230 | 1/1/2007 | US | Emergency alert system | Issued | Triton US VP Acquisition Co. |
| US09/590,521 | 2000-06-09 | US6986156 | 1/9/2006 | US | Systems and methods for adaptive scheduling and dynamic bandwidth resource allocation management in a digital broadband delivery system | Issued | Triton US VP Acquisition Co. |
| US09/692,986 | 2000-10-20 | US6978310 | 12/19/2005 | US | Media-on-demand catalog viewing preference system | Issued | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|--------------|------------|-----------|------------|---------|---|--------|------------------------------|
| US10/038,943 | 2001-12-31 | US7274857 | 9/24/2007 | US | Trick modes for compressed video streams | Issued | Triton US VP Acquisition Co. |
| US11/832,391 | 2007-08-01 | US8358916 | 1/21/2013 | US | Annotations for trick modes of video streams with simultaneous processing and display | Issued | Triton US VP Acquisition Co. |
| US11/843,711 | 2007-08-23 | US8301016 | 10/29/2012 | US | Decoding and output of frames for video trick modes | Issued | Triton US VP Acquisition Co. |
| US10/266,827 | 2002-10-08 | US7053960 | 5/29/2006 | US | Systems and methods for adjusting image contrast | Issued | Triton US VP Acquisition Co. |
| US11/692,457 | 2007-03-28 | US8370889 | 2/4/2013 | US | Switched digital video client reverse channel traffic reduction | Issued | Triton US VP Acquisition Co. |
| US12/483,925 | 2009-06-12 | US8886022 | 11/10/2014 | US | Picture interdependencies signals in context of mmco to assist stream manipulation | Issued | Triton US VP Acquisition Co. |
| US14/501,905 | 2014-09-30 | US9819899 | 11/13/2017 | US | Signaling tier information to assist mmco stream manipulation | Issued | Triton US VP Acquisition Co. |
| US12/672,434 | 2008-08-07 | US9426479 | 8/22/2016 | US | Preserving captioning through video transcoding | Issued | Triton US VP Acquisition Co. |
| US10/935,991 | 2004-09-08 | US7881546 | 1/31/2011 | US | Slab-based processing engine for motion video | Issued | Triton US VP Acquisition Co. |
| US11/106,906 | 2005-04-15 | US7864840 | 1/3/2011 | US | Scene-by-scene digital video processing | Issued | Triton US VP Acquisition Co. |
| US13/750,555 | 2013-01-25 | US9241197 | 1/18/2016 | US | System and method for video delivery over heterogeneous networks with scalable video coding for multiple subscriber tiers | Issued | Triton US VP Acquisition Co. |

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|----------------|------------|-----------|-----------|---------|---|---------|------------------------------|
| US13/842,661 | 2013-03-15 | US9154819 | 10/5/2015 | US | Video content priority aware congestion management | Issued | Triton US VP Acquisition Co. |
| US10/981,053 | 2004-11-04 | | | US | Bandwidth management of services with random access functionality | Lapsed | Triton US VP Acquisition Co. |
| US11/365,182 | 2006-03-01 | | | US | Systems and methods for transcoding bit streams | Lapsed | Triton US VP Acquisition Co. |
| US11/164,115 | 2005-11-10 | | | US | Atomic channel changes in a switched digital video system | Lapsed | Triton US VP Acquisition Co. |
| US12/389,458 | 2009-02-20 | | | US | Determining parameters for trick modes of video programs | Lapsed | Triton US VP Acquisition Co. |
| US12/389,588 | 2009-02-20 | | | US | Trick mode operations | Lapsed | Triton US VP Acquisition Co. |
| US12/389,453 | 2009-02-20 | | | US | Annotations for supporting trick mode operations | Lapsed | Triton US VP Acquisition Co. |
| US15/607,542 | 2017-05-29 | | | US | Insertion of selectively re-encoded frames from a different encoder back into H.264 video | Pending | Triton US VP Acquisition Co. |
| US15/619,938 | 2017-06-12 | | | US | Method and Device for Sharing Segmented Video Content Across Multiple Manifests | Pending | Triton US VP Acquisition Co. |
| US14/795,353 | 2015-07-09 | | | US | Transitioning between broadcast and unicast streams | Pending | Triton US VP Acquisition Co. |
| WOUS2008085336 | 2008-12-03 | | | WO | Policy control over switched delivery networks | Lapsed | Triton US VP Acquisition Co. |
| WOUS2009032277 | 2009-01-28 | | | WO | Restamping transport streams to avoid vertical rolls | Lapsed | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|----------------|------------|----------|-----------|---------|---|--------|------------------------------|
| WOUS2007061957 | 2007-02-10 | | | WO | Method and system for streaming digital video content to a client in a digital video network | Lapsed | Triton US VP Acquisition Co. |
| WOUS2008085613 | 2008-12-05 | | | WO | Reducing media stream delay through independent decoder clocks | Lapsed | Triton US VP Acquisition Co. |
| WOUS2009050378 | 2009-07-13 | | | WO | Splicing of encrypted video/audio content | Lapsed | Triton US VP Acquisition Co. |
| WOUS2007062929 | 2007-02-28 | | | WO | Systems and methods for transcoding bit streams | Lapsed | Triton US VP Acquisition Co. |
| WOUS2007061196 | 2007-01-29 | | | WO | Systems and methods for transcoding bit streams | Lapsed | Triton US VP Acquisition Co. |
| WOUS2006060695 | 2006-11-09 | | | WO | Atomic channel changes in a switched digital video system | Lapsed | Triton US VP Acquisition Co. |
| WOUS0015952 | 2000-06-09 | | | WO | Systems and methods for adaptive scheduling and dynamic bandwidth resource allocation management in a digital broadband delivery system | Lapsed | Triton US VP Acquisition Co. |
| WOUS0240828 | 2002-12-20 | | | WO | Trick modes for compressed video streams | Lapsed | Triton US VP Acquisition Co. |
| WOUS0331747 | 2003-10-07 | | | WO | Systems and methods for adjusting image contrast | Lapsed | Triton US VP Acquisition Co. |
| WOUS2008057297 | 2008-03-18 | | | WO | Switched digital video client reverse channel traffic reduction | Lapsed | Triton US VP Acquisition Co. |
| WOUS2009047237 | 2009-06-12 | | | WO | Picture interdependencies signals in context of mmco to assist stream manipulation | Lapsed | Triton US VP Acquisition Co. |

| App. No. | App. Date | Reg. No. | Reg. Date | Country | Title | Status | Owner |
|----------------|------------|----------|-----------|---------|---|---------|------------------------------|
| WOUS2008009476 | 2008-08-07 | | | WO | Preserving captioning through video transcoding | Lapsed | Triton US VP Acquisition Co. |
| WOUS2005031836 | 2005-09-08 | | | WO | Slab-based processing engine for motion video | Lapsed | Triton US VP Acquisition Co. |
| WOUS2006013862 | 2006-04-13 | | | WO | Scene-by-scene digital video processing | Lapsed | Triton US VP Acquisition Co. |
| WOUS2016036806 | 2016-06-10 | | | WO | Transitioning between broadcast and unicast streams | Lapsed | Triton US VP Acquisition Co. |
| WOIB2018034448 | 2017-05-24 | | | WO | Insertion of selectively re-encoded frames from a different encoder back into H.264 video | Granted | Triton US VP Acquisition Co. |