

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sportvision, Inc.	12/10/2010
RECEIVING PARTY DATA	
Name:	PVI Virtual Media Services, LLC
Street Address:	1111 Stewart Avenue
City:	Bethpage
State/Country:	NEW YORK
Postal Code:	11714
PROPERTY NUMBERS Total: 42	
Property Type	Number
Patent Number:	5264933
Patent Number:	6133946
Patent Number:	6229550
Patent Number:	6266100
Patent Number:	6292130
Patent Number:	6304665
Patent Number:	6466275
Patent Number:	6456232
Patent Number:	6597406
Patent Number:	6657584
Patent Number:	6728637
Patent Number:	6744403
Patent Number:	6864886
Patent Number:	6965397
Patent Number:	6909438

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PATENT
REEL: 025584 FRAME: 0166

OP \$1680.00 5264933

Patent Number:	7075556
Patent Number:	7221794
Patent Number:	7341530
Patent Number:	7492363
Application Number:	11172340
Application Number:	11691758
Application Number:	11467467
Application Number:	11670394
Application Number:	11688149
Application Number:	12041918
Application Number:	11960586
Application Number:	12121650
Application Number:	12035562
Application Number:	11960527
Application Number:	11960565
Application Number:	11960571
Application Number:	11960577
Application Number:	11960600
Application Number:	11960606
Application Number:	12121969
Application Number:	12121699
Application Number:	12121701
Application Number:	12121655
Application Number:	12121665
Application Number:	12359092
Application Number:	12546299
Application Number:	12121660

CORRESPONDENCE DATA

Fax Number: (212)299-6387

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: schalk@hugheshubbard.com

Correspondent Name: David Schalk

Address Line 1: One Battery Park Plaza

Address Line 2: Hughes Hubbard & Reed LLP

Address Line 4: New York, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	030062-00015
NAME OF SUBMITTER:	David Schalk
<p>Total Attachments: 12</p> <p>source=Patent Security Agreement#page1.tif</p> <p>source=Patent Security Agreement#page2.tif</p> <p>source=Patent Security Agreement#page3.tif</p> <p>source=Patent Security Agreement#page4.tif</p> <p>source=Patent Security Agreement#page5.tif</p> <p>source=Patent Security Agreement#page6.tif</p> <p>source=Patent Security Agreement#page7.tif</p> <p>source=Patent Security Agreement#page8.tif</p> <p>source=Patent Security Agreement#page9.tif</p> <p>source=Patent Security Agreement#page10.tif</p> <p>source=Patent Security Agreement#page11.tif</p> <p>source=Patent Security Agreement#page12.tif</p>	

PATENT SECURITY AGREEMENT

This Patent Security Agreement dated as of December 10, 2010 (this **“Patent Security Agreement”**), is made by Sportvision, Inc., a Delaware corporation (**“Grantor”**), in favor of PVI Virtual Media Services, LLC, a Delaware limited liability company (the **“Secured Party”**). Capitalized terms used but not defined herein have the meanings assigned to them in the Asset Purchase Agreement dated as of the date of this Patent Security Agreement (the **“Purchase Agreement”**) among Seller, Buyer and, solely with respect to Article VII of the Purchase Agreement, CSC Holdings, LLC, a Delaware limited liability company.

As contemplated by the Purchase Agreement, Grantor is concurrently herewith issuing the Promissory Note to the Secured Party. The obligations of Grantor under the Promissory Note are secured by all of the assets of Grantor pursuant to the Security Agreement dated as of the date of this Patent Security Agreement (the **“Security Agreement”**) between Grantor and Secured Party.

Pursuant to the Security Agreement, Grantor is required to execute and deliver this Patent Security Agreement to the Secured Party.

In consideration of the premises and covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantor hereby agrees as follows:

1. Grant of Security Interest in Patent Collateral. Grantor hereby grants to the Secured Party continuing security interests in all of Grantor’s right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the **“Patent Collateral”**):

(a) except for the patents licensed to Grantor by Fox Sports, all of its patents and licensed patents, including those patents referred to on Schedule I; and

(b) all proceeds of the foregoing, including any claim by Grantor against third parties for past, present or future infringement of any of its patents or any licensed patents.

2. Security Agreement. The security interests granted pursuant to this Patent Security Agreement are granted in conjunction with the security interests granted to the Secured Party pursuant to the Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of the Secured Party with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

3. Authorization to Supplement. If, before the Obligations shall have been indefeasibly satisfied in full, Grantor shall obtain rights to any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, continuation, renewal, extension, or continuation-in-part of any patent, any improvement on any patent, or any rights that would come within the definition of Patent Collateral had such rights existed on the date hereof, the provisions of this Patent Security Agreement shall automatically apply thereto and Grantor shall give to the Secured Party prompt written notice thereof. Failure

to provide such notice shall constitute a material breach of this Patent Security Agreement. The foregoing shall not apply to any patent licensed to Grantor by Fox Sports. Without limiting Grantor's obligations under this Section 3, Grantor hereby authorizes the Secured Party unilaterally to modify this Agreement solely by amending Schedule I to include any such new patent rights of Grantor. Notwithstanding the foregoing, no failure to amend Schedule I shall in any way affect, invalidate or detract from the Secured Party's continuing security interest in all Collateral, whether or not listed on Schedule I. Any grant of a security interest pursuant to this Section 3 shall be subject to the priorities set forth in a Subordination Agreement dated as of the date hereof among Secured Party, Comerica Bank and Velocity Venture Funding, LLC, as successor in interest to Velocity Venture Holdings, LLC.

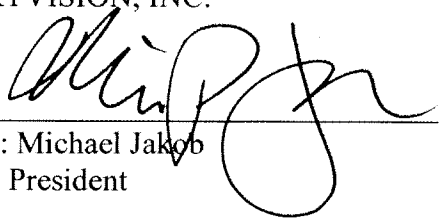
4. Merger. This Patent Security Agreement is subject in all respects to the terms and conditions of the Security Agreement. Nothing contained in this Patent Security Agreement shall be deemed to supersede any of the representations, warranties, covenants or other agreements contained in the Security Agreement. To the extent any provision of this Patent Security Agreement is inconsistent with the Security Agreement, the provision of the Security Agreement shall control.

5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

[The next page is the signature page]

Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first above written.

SPORTVISION, INC.

By: 
Name: Michael Jakob
Title: President

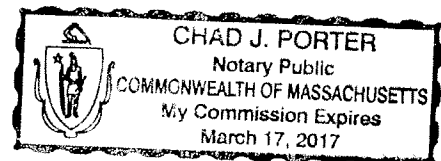
STATE OF Massachusetts)

:ss.:

COUNTY OF Suffolk)

On this 10 day of December, 2010 before me personally came Michael Jakob, to me known to be the person who signed the foregoing instrument and who being duly sworn by me did depose and state that he is a representative of Sportvision, Inc.; he signed the instrument in the name of Sportvision, Inc.; and he had the authority to sign the instrument on behalf of Sportvision, Inc.


Notary Public



ACCEPTED AND
ACKNOWLEDGED BY:

PVI VIRTUAL MEDIA SERVICES, LLC

By: *M. Dipasquale*
Name: Michael Dipasquale
Title: Executive Vice President

STATE OF New York)

:ss.:

COUNTY OF New York)

On this 10th day of December, 2010 before me personally came Michael Dipasquale, to me known to be the person who signed the foregoing instrument and who being duly sworn by me did depose and state that he is a representative of PVI Virtual Media Services, LLC; he signed the instrument in the name of PVI Virtual Media Services, LLC; and he had the authority to sign the instrument on behalf of PVI Virtual Media Services, LLC.

Susan R. Santiago

Notary Public

SUSAN R. SANTIAGO
Notary Public, State of New York
No. 01SA4756001
Qualified in Richmond County
Certificate Filed in New York County
Commission Expires May 31, 2014

[Signature Page - Patent Security Agreement]

PATENT
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SCHEDULE I

<u>PATENTS</u>				
Serial / Pat No.	Country	Title	Filing Date / Issue Date	Application Number
5,264,933 (Patent)	US	Television Displays Having Selected Inserted Indicia	November 23, 1993 (Issued)	
3166173 (Patent)	Japan	Television Displays Having Selected Inserted Indicia	March 9, 2001 (Issued)	
40825 (Patent)	Singapore	Television Displays Having Selected Inserted Indicia	January 3, 2002 (Issued)	
AR 252895 (Patent)	Argentina	Television Displays Having Selected Inserted Indicia	November 30, 1998 (Issued)	
595808 (Patent)	Belgium	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
1224-93 (Application)	Chile	Television Displays Having Selected Inserted Indicia	October 6, 1993 (Filed)	
595808 (Patent)	Germany	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
595808 (Patent)	Spain	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
595808 (Patent)	France	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
595808 (Patent)	Great Britain	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
595808 (Patent)	Greece	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
595808 (Patent)	Italy	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
183569 (Patent)	Mexico	Television Displays Having Selected Inserted Indicia	December 13, 1996 (Issued)	

PATENTS

Serial / Pat No.	Country	Title	Filing Date / Issue Date	Application Number
595808 (Patent)	Netherlands	Television Displays Having Selected Inserted Indicia	June 23, 1999 (Issued)	
6,133,946	US	SYSTEM FOR DETERMINING THE POSITION OF AN OBJECT	Active – October 17, 2000	09/041,238
6,229,550	US	BLENDING A GRAPHIC	Active – May 8, 2001	09/160,428
6,266,100	US	A SYSTEM FOR ENHANCING A VIDEO PRESENTATION OF A LIVE EVENT	Active – July 24, 2001	09/160,534
6,292,130	US	SYSTEM FOR DETERMINING THE SPEED AND/OR TIMING OF AN OBJECT	Active – September 18, 2001	09/289,166
6,304,665	US	SYSTEM FOR DETERMINING INFORMATION ABOUT MOVING OBJECTS	Active – October 16, 2001	09/283,729
6,466,275	US	ENHANCING A VIDEO OF AN EVENT AT A REMOTE LOCATION USING DATA ACQUIRED AT THE EVENT	Active – October 15, 2002	09/293,378
6,456,232	US	SYSTEM FOR DETERMINING INFORMATION ABOUT A GOLF CLUB AND/OR A GOLF BALL	Active – September 24, 2002	09/444,790
6,597,406	US	SYSTEM FOR ENHANCING A VIDEO PRESENTATION OF A LIVE EVENT (CONTINUATION APPLICATION OF SPTV-01017US0)	Active – July 22, 2003	09/771,238
6,657,584	US	LOCATING AN OBJECT USING GPS WITH ADDITIONAL DATA	Active – December 2, 2003	09/888,217

PATENTS

Serial / Pat No.	Country	Title	Filing Date / Issue Date	Application Number
6,728,637	US	TRACK MODEL CONSTRAINT FOR GPS POSITION	Active – April 27, 2004	Utility Application Serial No.: 09/888,195 Provisional Application Serial No.: 60/213,684
6,744,403	US	GPS BASED TRACKING SYSTEM	Active – June 1, 2004	Application Serial No.: 10/179,538 Parent Application Serial No: 09/888,208 Provisional Application Serial No.: 60/213,684
6,864,886	US	ENHANCING VIDEO USING A VIRTUAL SURFACE	Active – March 8, 2005	Utility Application Serial No.: 09/928,165 Provisional Application Serial No.: 60/224,504
6,965,397	US	MEASURING CAMERA ATTITUDE	Active – November 15, 2005	Utility Application Serial No.: 09/472,635 Provisional Application Serial No.: 60/166,725
6,909,438	US	VIDEO COMPOSITOR	Active – June 21, 2005	Utility Application Serial No.: 09/767,777 Provisional Application Serial No.: 60/180,436
7,075,556	US	TELESTRATOR	Active – July 11, 2006	09/425,992
7,221,794	US	FOREGROUND DETECTION	Active – May 22, 2007	Utility Application Serial No.: 09/929,598 Provisional Application Serial No.: 60/256,420
7,341,530	US	VIRTUAL STRIKE ZONE	Active – March 11, 2008	Utility Application Serial No.: 10/331,117 Provisional Application Serial No.: 60/346,990

PATENTS

Serial / Pat No.	Country	Title	Filing Date / Issue Date	Application Number
7,492,363	US	TELESTRATOR (CONTINUATION APPLICATION)	Active – February 17, 2009	Utility Application Serial No.: 11/297,036 Priority Application Serial No.: 09/425,992

PATENT APPLICATIONS

Name	Status and Date Filed	Application Number
MEASUREMENTS USING A SINGLE IMAGE	Allowed. Issue Fee due 3/30/2010. June 30, 2005	11/172,340
FOREGROUND DETECTION (continuation application)	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: March 27, 2007 Priority Application Filed: August 13, 2001 Provisional Application Filed: December 18, 2000	Utility Application Serial No.: 11/691,758 Priority Application Serial No.: 09/929,598 Provisional Application Serial No.: 60/256,420
VIDEO EFFECT USING MOVEMENT WITHIN AN IMAGE	Awaiting first Office Action from U.S. Patent & Trademark Office. August 25, 2006	11/467,467
THREE DIMENSIONAL VIRTUAL RENDERING OF A LIVE EVENT	Filed Restriction Response on 12/31/2009. Awaiting first Office Action from U.S. Patent & Trademark Office. February 1, 2007	11 /670,394
TRACKING AN OBJECT WITH MULTIPLE ASYNCHRONOUS CAMERAS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: March 19, 2007 Provisional Application Filed: March 5, 2007	Utility Application Serial No.: 11 /688,149 Provisional Application Serial No.: 60/893,082

PATENT APPLICATIONS

Name	Status and Date Filed	Application Number
AUTOMATIC MEASUREMENT OF ADVERTISING EFFECTIVENESS	<p>Awaiting first Office Action from U.S. Patent & Trademark Office.</p> <p>Utility Application File Date: March 4, 2008</p> <p>Provisional Application Filed: March 5, 2007</p>	<p>Utility Application Serial No.: 12/041,918</p> <p>Provisional Application Serial No.: 60/893,119</p>
PROVIDING VIRTUAL INSERTS USING IMAGE TRACKING WITH CAMERA AND POSITION SENSORS	<p>Awaiting first Office Action from U.S. Patent & Trademark Office.</p> <p>Utility Application File Date: December 19, 2007</p> <p>Provisional Application Filed: July 27, 2007</p>	<p>Utility Application Serial No.: 11 /960,586</p> <p>Provisional Application Serial No.: 60/952,519</p>
LINE REMOVAL AND OBJECT DETECTION IN AN IMAGE	<p>Awaiting first Office Action from U.S. Patent & Trademark Office.</p> <p>Utility Application File Date: May 15, 2008</p> <p>Provisional Application Filed: November 16, 2007</p>	<p>Utility Application Serial No.: 12/121,650</p> <p>Provisional Application Serial No.: 60/988,725</p>
VIDEO INDEXING AND FINGERPRINTING FOR VIDEO ENHANCEMENT	<p>Awaiting first Office Action from U.S. Patent & Trademark Office. February 22, 2008</p>	12/035,562
PROVIDING GRAPHICS IN IMAGES DEPICTING AERODYNAMIC FLOWS AND FORCES	<p>Awaiting first Office Action from U.S. Patent & Trademark Office.</p> <p>Utility Application File Date: December 19, 2007</p> <p>Provisional Application Filed: July 27, 2007</p>	<p>Utility Application Serial No.: 11 /960,527</p> <p>Provisional Application Serial No.: 60/952,519</p>
DETECTING AN OBJECT IN AN IMAGE USING EDGE DETECTION AND	<p>Awaiting first Office Action from U.S. Patent & Trademark Office.</p>	

PATENT APPLICATIONS

Name	Status and Date Filed	Application Number
MORPHOLOGICAL PROCESSING	Utility Application File Date: December 19, 2007 Provisional Application Filed: July 27, 2007	Utility Application Serial No.: 11/960,565 Provisional Application Serial No.: 60/952,519
DETECTING AN OBJECT IN AN IMAGE USING MULTIPLE TEMPLATES	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: December 19, 2007 Provisional Application Filed: July 27, 2007	Utility Application Serial No.: 11/960,571 Provisional Application Serial No.: 60/952,519
DETECTING AN OBJECT IN AN IMAGE USING TEMPLATES INDEXED TO LOCATION OR CAMERA SENSORS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: December 19, 2007 Provisional Application Filed: July 27, 2007	Utility Application Serial No.: 11/960,577 Provisional Application Serial No.: 60/952,519
DETECTING AN OBJECT IN AN IMAGE USING CAMERA REGISTRATION DATA INDEXED TO LOCATION OR CAMERA SENSORS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: December 19, 2007 Provisional Application Filed: July 27, 2007	Utility Application Serial No.: 11 /960,600 Provisional Application Serial No.: 60/952,519
IDENTIFYING AN OBJECT IN AN IMAGE USING COLOR PROFILES	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: December 19, 2007 Provisional Application Filed: July 27, 2007	Utility Application Serial No.: 11 /960,606 Provisional Application Serial No.: 60/952,519

PATENT APPLICATIONS

Name	Status and Date Filed	Application Number
IMAGE REPAIR INTERFACE FOR PROVIDING VIRTUAL VIEWPOINTS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: May 15, 2008 Provisional Application Filed: November 16, 2007	Utility Application Serial No.: 12/121,660 Provisional Application Serial No.: 60/988,725
VIRTUAL VIEWPOINT ANIMATION	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: May 15, 2008 Provisional Application Filed: November 16, 2007	Utility Application Serial No.: 12/121,969 Provisional Application Serial No.: 60/988,725
FADING TECHNIQUES FOR VIRTUAL VIEWPOINT ANIMATIONS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: May 15, 2008 Provisional Application Filed: November 16, 2007	Utility Application Serial No.: 12/121 /699 Provisional Application Serial No.: 60/988,725
UPDATING BACKGROUND TEXTURE FOR VIRTUAL VIEWPOINTS ANIMATIONS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: May 15, 2008 Provisional Application Filed: November 16, 2007	Utility Application Serial No. : 12/121,701 Provisional Application Serial No.: 60/988,725
3D TEXTURED OBJECTS FOR VIRTUAL VIEWPOINT ANIMATIONS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: May 15, 2008	Utility Application Serial No.:

<u>PATENT APPLICATIONS</u>		
Name	Status and Date Filed	Application Number
	Provisional Application Filed: November 16, 2007	12/121,655 Provisional Application Serial No.: 60/988,725
USER INTERFACE FOR ACCESSING VIRTUAL VIEWPOINT ANIMATIONS	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: May 15, 2008 Provisional Application Filed: November 16, 2007	Utility Application Serial No.: 12/121,665 Provisional Application Serial No.: 60/988,725
TELESTRATOR SYSTEM (CONTINUATION APPLICATION)	Response to first Office Action filed 11/23/2009. Utility Application File Date: January 23, 2009 Priority Application Filed: December 8, 2005	Utility Application Serial No.: 12/359,092 Priority Application Serial No.: 11/297,036
MEASUREMENTS USING A SINGLE IMAGE	Awaiting first Office Action from U.S. Patent & Trademark Office. Utility Application File Date: August 24, 2009 Priority Application File Date: June 30, 2005	Utility Application Serial No.: 12/546,299 Priority Application Serial No.: 11/172,340