

Search history

Search [SP]: A Space Theater, characterized by receiving real-time transmission in 4K format of images of the sky, the Earth and from space, such as phases of the Moon, surface and atmosphere of the Sun, planets, artificial satellites, eclipses of the Sun and Moon, planets and asteroids approaches, international space station, images from the international space station, and full-sky camera. (2) A Space Theater, characterized by receiving real-time images of a 360-degree full-sky camera from several large telescopes and remotely operated optical instruments, and located on a nearby mountain. (Results 0)

Search SFT=(space and real w1 time and images) and IC=(h04n) (Results 29399)

2:

Search 2 and theater (Results 1404)

3:

Search 3 and video (Results 1357)

4:

Search 4 and 4K (Results 71)

5:

Search 5 and telescope (Results 5)

6:

Search (5) AND IPC=(H04 OR G06 OR G02 OR G03 OR G09) (Results 71)

7:

1) Family number: 33806034 (US2006277316A)

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Title: INTERNET PROTOCOL TELEVISION

Abstract: An on-demand **video** delivery system, comprising: a program center having a content server for receiving and storing media signals representing humanly perceptible **video** programs and for converting the media signals into coded media data suitable for streaming over the Internet; and a plurality of delivery servers, each connected to the content server and the Internet for establishing a unicast link over the Internet with a respective one of a plurality of set top boxes (STBs) to deliver, upon request made from an STB for a **video** program, the requested **video** program by streaming over the Internet using Internet Protocol (IP), wherein each of the STBs includes: a buffer for receiving and temporarily storing a requested **video** program streamed from a delivery server over the Internet; a decoder for converting the coded media data to humanly perceptible **video**, and a processor for coordinating presentation of the humanly perceptible **video** to play on a television while the buffer receives packets of downstream coded media data from the respective delivery server.

Classifications:

International (IPC 8-9): G06F15/16 H04N11/04 H04N7/12 H04N7/173 (Advanced/Invention); G06F15/16 H04N11/04 H04N7/12 (Core/Invention)
CPC: H04L65/4084 H04N7/17318 H04L29/06027 H04N21/23805 H04N21/2381 H04N21/2402 H04N21/25816 H04N21/44004 H04N21/47202 H04N21/6125 H04N21/6408 H04N21/64322 H04N21/6437 H04N21/6587 H04N19/57 H04N19/103 H04N19/107 H04N19/11 H04N19/112 H04N19/115 H04N19/119 H04N19/124 H04N19/127 H04N19/132 H04N19/14 H04N19/147 H04N19/172 H04N19/176 H04N19/18 H04N19/186 H04N19/187 H04N19/19 H04N19/436 H04N19/44 H04N19/51 H04N19/52 H04N19/523 H04N19/53 H04N19/533 H04N19/543 H04N19/56 H04N19/563 H04N19/567 H04N19/61

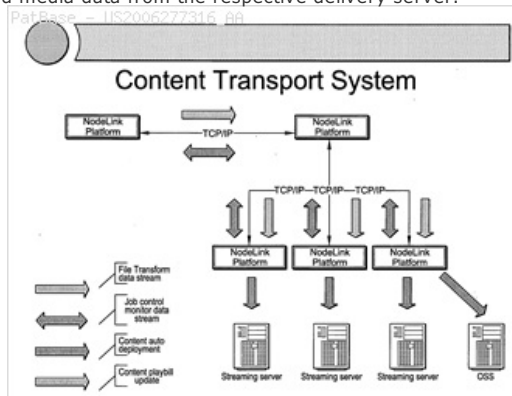
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Family:

Publication number	Publication date	Application number	Application date
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EP1880549 A1	20080123	EP20060759764	20060512
EP1880549 A4	20110330	EP20060759764	20060512
US2006277316 AA	20061207	US20060433142	20060512
US2007121728 AA	20070531	US20060433782	20060512
WO06124885 A2	20061123	WO2006US18898	20060512
WO06124885 A3	20070412	WO2006US18898	20060512
WO07120155 A1	20071025	WO2006US18574	20060512

Priority:

US20050680331P 20050512	US20050680332P 20050512	US20050751579P 20051219
US20060433142 20060512	US20060433782 20060512	WO2006US18574 20060512
WO2006US18898 20060512		



Probable Assignee: NEULION INC

Assignee(s): (std): HER MICHAEL ; KYLIN TV INC ; KYLINTV INC ; SHU WEI ; WANG YUNCHUAN ; WANG XIAOHONG

Assignee(s): NEULION INC

Inventor(s): (std): WANG YUNCHUAN ; WANG XIAOHONG ; HER MICHAEL ; SHU WEI

Agent(s): PERRY AND CURRIER; BARTH STEPHAN MANUEL; F CHAU AND ASSOCIATES LLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

2) Family number: 72373069 (US2018357033A)

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Title: VIRTUAL VIDEO ENVIRONMENT DISPLAY SYSTEMS

Abstract: Systems enable viewing of video images over a plurality of scalable modular video displays include a video wallpaper subsystem and a video central computer subsystem. The video wallpaper has video displays having a same pixel pitch, and a width and height. The video displays include a video scaler and video mixer configured to enable video signals provided to the video displays to appear as one of a single video image a plurality of separate video images. Each of the video images appearing on a subset of the video displays as an overlay over the single video image, wherein the single video image and each of the plurality of separate video images are displayed at predetermined resolutions. The video central computer subsystem includes a video processing unit which receives video signals from a plurality of video sources and selects video signals to process and send to the video displays and includes a synchronizing frame buffer with time base correction to provide video synchronization of the selected video signals.

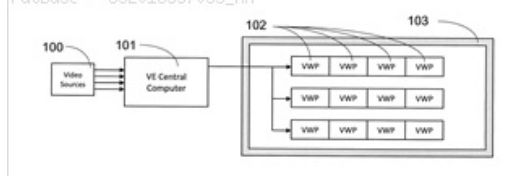
Classifications:

International (IPC 8-9): G06F3/042 G06F3/14 H04N5/04 H04N5/265 H04N5/272 H04N5/44 H04N5/445 H04N9/44 (Advanced/Invention)

CPC: G06F3/1446 G06F3/0421 H04N5/04 H04N5/272 H04N2005/443 H04N5/4403 H04N5/44504 H04N9/44 H04N5/265 G09G5/12 H04N9/3147 G09G2340/04 G09G2340/12 G09G2340/125 G09G2370/20

US: 1/1 348/383

PatBase - US2018357033_AA



Family:

Publication number	Publication date	Application number	Application date
US2018357033 AA	20181213	US20180003648	20180608

Priority:

US20170517054P 20170608 US20170561594P 20170921 US20170611362P 20171228
US20180003648 20180608

Probable Assignee: VE VIRTUAL ENV LLC

Assignee(s): (std): VE VIRTUAL ENV LLC

Assignee(s): VE VIRTUAL ENVIRONMENT LLC

Inventor(s): (std): WELCH ANDREW ; UICHANCO LARRY

3) Family number: 57355089 (US2014253701A)

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Title: APPARATUS AND METHOD FOR ANALYZING IMAGES

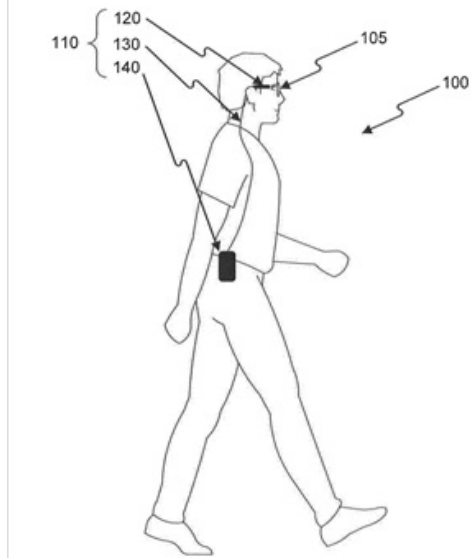
Abstract: An apparatus is provided for audibly reading text retrieved from a captured image. In one implementation, the apparatus comprises an image sensor configured to capture image data from an environment of a user, and at least one processor. The processor is configured to determine an existence of a pointing trigger in the image data, the trigger being associated with a user's desire to hear text read aloud, and wherein the trigger identifies an intermediate portion of the text a distance from a level break in the text. The processor is further configured to perform a layout analysis on the text to identify a level break associated with the trigger; and cause the text to be read aloud from the level break associated with the trigger.

Classifications:

International (IPC 8-9): A01F25/00 A61F9/08 G02B21/00 G06F1/16 G06F17/27 G06F17/30 G06F3/01 G06F3/16 G06K9/00 G06K9/18 G06K9/20 G06K9/22 G06K9/30 G06K9/32 G06K9/74 G06T3/00 G08B3/10 G08B6/00 G09B21/00 G10L13/02 G10L13/04 H04M1/725 H04N5/225 H04N5/232 H04N7/00 H04N7/18 H04N9/47 (Advanced/Invention); G01B11/24 G02C11/00 G06F1/16 G06K9/20 G06K9/30 G06T7/00 G09B21/00 H04M1/725 (Advanced/Non-invention)

CPC: G06K9/18 G06K17/2765 G09B21/008 G06F1/163 H04M1/72522 H04M1/72577 H04M2250/52 A61F9/08 G02C11/10 G06K9/00221 G06K9/00288 G06K9/00671 G09B21/00 G09B21/003 G09B21/006 G01B11/24 G06F40/279 G06K9/00442 G06K9/00463 G06K9/00469 G06K9/00483 G06K9/00852 G06K9/2081 G06K9/22 G06K9/30 G06K9/3233 G06K9/3241 G06K9/325 G06K9/3275 G06K9/3283 G06K2009/00489 G06K2009/2045 G08B3/10 G08B6/00 G10L13/043 H04N5/2252 G06F3/011 G06F3/16 G06K9/74 G09B21/001 H04N5/2251 H04N5/23229 H04N5/23232

US: 1/1 348/61 348/62 348/63 382/100 382/114 382/140 434/116 704/260

**Family:**

Publication number	Publication date	Application number	Application date
CA2846538 AA	20140915	CA20142846538	20140314
US2014253701 AA	20140911	US20130136876	20131220
US2014253702 AA	20140911	US20130137263	20131220
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WO14140843 A1	20140918	WO2014IB00972	20140226
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WO14140853 A3	20141224	WO2014IB00995	20140306
WO14140903 A2	20140918	WO2014IB01156	20140311
WO14140903 A3	20141231	WO2014IB01156	20140311
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WO14140906 A3	20141224	WO2014IB01168	20140311
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WO14140932 A3	20141231	WO2014IB01252	20140311

Priority:

US20130775603P	20130310	US20130799549P	20130315	US20130799649P	20130315
US20130830122P	20130602	US20130135727	20131220	US20130135757	20131220
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US20190437820	20190611				

Probable Assignee: ORCAM TECHNOLOGIES LTD

Assignee(s): (std): NA AMAN EREZ ; ORCAM TECH LTD ; ORCAM TECHNOLOGIES LTD ; SHASHUA AMNON ; WEXLER YONATAN ; UNVERFERTH MFG CO INC

Assignee(s): UNVERFERTH MFG CO INC 18107 U.S. 224 WESTP.O. BOX 357KALIDAOH45853US ; VAN MILL MICHAEL D ; RUBNER DARYL ; SCHLIMGEN RONALD J

Inventor(s): (std): SHASHUA AMNON ; WEXLER YONATAN ; NA AMAN EREZ ; RUBNER DARYL ; VAN MILL MICHAEL D ; SCHLIMGEN RONALD J

Inventor(s): SCHLIMGEN RONALD JUS ; RUBNER DARYLUS ; VAN MILL MICHAEL DUS

Agent(s): NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 61864095 (US2016080710A)

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Title: TRI-SURFACE IMAGE PROJECTION SYSTEM AND METHOD

Abstract: Digitally acquiring digital media content using a computer model simulation of a real venue in which the digital content is to be shown. Frontally projecting content from a virtual center of the simulated venue, the real venue having a frontal screen and two side screens. Digitally capturing the frontally projected digital media content from a view that a real frontal projector and two real side projectors would have in real life in order to "bake in" a warped transformation of the frontally projected digital media content. Projecting the warped, transformed frontally projected content through a frontal digital projector and two side digital projectors in the real venue, thus completing an illusion of a "cinematic window" of the digital media content in the real venue. Controlling the digital projectors using a digital server to feed the three digitally captured, warped media streams synchronously to the front, left and right digital projectors.

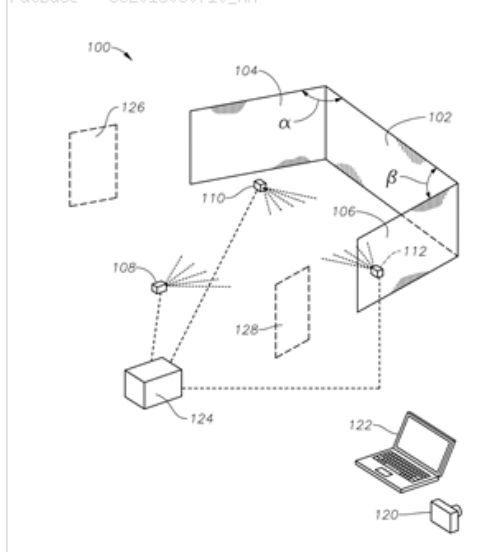
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International (IPC 8-9): G06F3/01 G06T3/00 G09G5/00 H04N13/04 H04N5/232 H04N5/247 H04N5/262 H04N9/31 (Advanced/Invention); G02B13/06 (Advanced/Non-invention)

CPC: H04N9/3185 H04N9/3194 H04N9/3147 G06T3/005 G02B13/06 G06F3/011 H04N5/23238 H04N5/2628 H05K999/99

US: 1/1 345/647 348/52 348/745

PatBase - US2016080710_AA



Family:

Publication number	Publication date	Application number	Application date
US2016080710 AA	20160317	US20150843088	20150902
US2018027219 AA	20180125	US20170692329	20170831
US9787958 BB	20171010	US20150843088	20150902
US10063822 BB	20180828	US20170692329	20170831

Priority:

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Probable Assignee: POINTCLOUD MEDIA LLC

Assignee(s): (std): POINTCLOUD MEDIA LLC

Inventor(s): (std): HATTINGH JACOBUS G ; DEMAFILES ALAN

Agent(s): WENDT FIRM PC; JEFFREY L; WENDT JEFFREY L

5) Family number: 48015103 (US2011007278A)

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Title: METHOD AND SYSTEM FOR DIFFERENTIAL DISTORTION CORRECTION FOR THREE-DIMENSIONAL (3D) PROJECTION

Abstract: A method and system are disclosed for differential distortion correction for use in the three-dimensional (3D) projection of film-based or digital images. A compensation transform determined based on distortion information can be applied to image data to compensate for distortions in stereoscopic images for 3D projection. Different approaches can be used for obtaining the compensation transform.

Classifications:

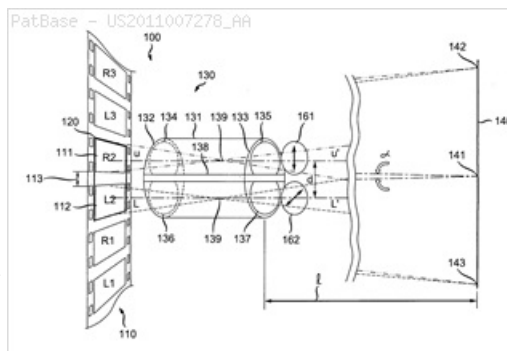
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G02B27/26 (Advanced/Non-invention)

CPC: G02B30/00 H04N13/122 H04N2013/405 H04N13/125 H04N13/327 H04N13/158 H04N9/3185 G03B21/005 G03B21/147 G03B35/18 H04N13/337 H04N13/363 G03B21/00 G03B21/14 H04N13/00

European: G03B35/18 H04N13/04C H04N13/04G3 H04N13/04P

US: 1/1 345/419 345/419S 353/121 353/121S 353/7 353/7P 359/462 359/462P



Family:

Publication number	Publication date	Application number	Application date
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CA2769992 AA	20120202	CA20102769992	20100812
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EP2465269 A1	20120620	EP20100761075	20100812
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JP5426773 B2	20140226	JP20120524700T	20100812
JP5881601 B2	20160309	JP20120517504T	20100701
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Priority:

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Probable Assignee: THOMSON LICENSING

Assignee(s): (std): HARMSSEN JED ; HUBER MARK J ; PINES JOSHUA ; REDMANN WILLIAM GIBBENS ; THOMSON LICENSING ; THOMSON LICENSING INC ; THOMSON LICENSING CORP

Inventor(s): (std): HUBER MARK J ; REDMANN WILLIAM GIBBENS ; HARMSSEN JED ; JOSHUA PINES ; GIBBENS REDMANN WILLIAM ; JED HARMSSEN ; PINES JOSHUA

Inventor(s): REDMANN WILLIAM ; HUBER MARK

Agent(s): CRAIG WILSON AND CO; PERROT SEBASTIEN; BROWAEYS JEAN PHILIPPE; OHNUKI SHINSUKE; ITOH TADAHIKO; ITOH TADASHIGE; TANI AND ABE PC; ROBERT D SHEDD PATENT OPERATIONS THOMSON LICENSING LLC; ROBERT D SHEDD THOMSON LICENSING LLC PATENT OPERATIONS; ROBERT B; LILY; ROBERT D; SHEDD ROBERT D ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

6) Family number: 46627115 (US2010217836A)

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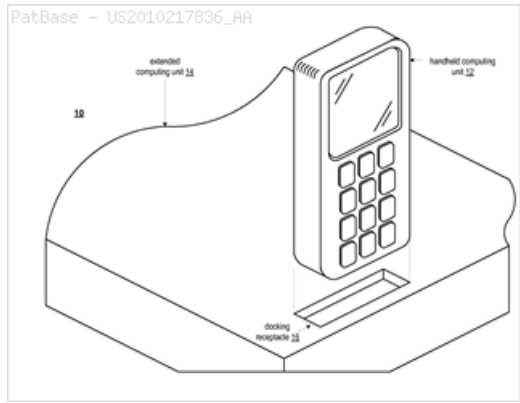
Title: DOCKABLE HANDHELD COMPUTING DEVICE WITH VIDEO APPLICATION AND METHODS FOR USE THEREWITH

Abstract: A handheld computing device includes a video camera for generating a local video signal. A handheld memory stores at least one handheld application that includes a video application. A handheld processing module, coupled to the handheld memory, executes the video application, based on the local video signal. A network interface sends the local video signal to a remote device via a network. A physical docking interface accesses at least one resource of an extended computer unit in a physical docked mode when the handheld computing unit is coupled to the extended computer unit via the physical docking interface. A quasi docking interface accesses at least one resource of the extended computer unit in the quasi docked mode when the handheld computing unit is coupled to the extended computer unit via the quasi docking interface.

Classifications:

International (IPC 8-9): G06F13/00 G06F15/173 (Advanced/Invention); G06F15/16 G06F3/00 H04N7/14 (Advanced/Non-invention); G06F13/00 G06F15/16 (Core/Invention)

CPC: H04M1/04 H04M1/72502 H04M2250/06 H04M2250/52
H04N7/142
European: H04M1/04 H04M1/725C H04N7/14A2 T04M250/06
T04M250/52
US: 348/14.08 709/218 709/218P 710/2 710/303 710/304 710/304S



Family:

Publication number	Publication date	Application number	Application date
US2010217836 AA	20100826	US20090393428	20090226
US8090890 BB	20120103	US20090393428	20090226

Priority:

US20090393428 20090226

Probable Assignee: AVAGO TECHNOLOGIES LTD

Assignee(s): (std): BROADCOM CORP ; ROFOUGARAN AHMADREZA REZA

Assignee(s): AVAGO TECHNOLOGIES GENERAL IP SINGAPORE PTE LTD ; AVAGO TECHNOLOGIES INT SALES PTE LTD ; AVAGO TECHNOLOGIES LTD ; BANK OF AMERICA NA COLLATERAL AGENT AS

Inventor(s): (std): ROFOUGARAN AHMADREZA REZA

Inventor(s): ROFOUGARAN AHMADREZA (REZA)

Agent(s): GARLICK HARRISON AND MARKISON; BRUCE E

7) Family number: 73840171 (US2019379856A)

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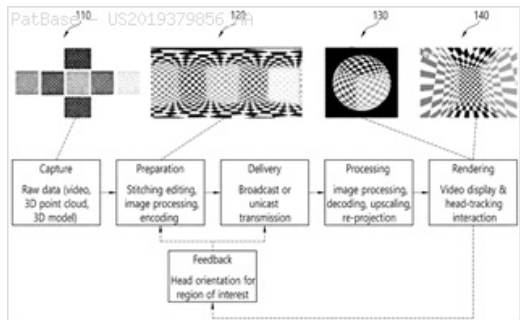
Title: METHOD FOR PROCESSING OVERLAY IN 360-DEGREE **VIDEO** SYSTEM AND APPARATUS FOR THE SAME

Abstract: A 360-degree image data processing method performed by a 360-degree **video** reception apparatus, the method including: receiving 360-degree image data, obtaining information on an encoded picture and metadata from the 360-degree image data, decoding a picture based on the information on the encoded picture, and rendering the decoded picture and an overlay based on the metadata, wherein the metadata includes overlay related metadata, wherein the overlay is rendered based on the overlay related metadata, and wherein the overlay related metadata include packing information of the overlay.

Classifications:

International (IPC 8-9): G06F16/58 G06F16/583 H04N13/117
H04N13/161 H04N13/172 H04N13/178 H04N13/194 H04N13/363
H04N13/366 H04N21/218 H04N21/236 H04N21/2368 H04N21/434
H04N21/435 H04N21/81 H04N5/232 H04N5/278
H04N5/445 (Advanced/Invention)

CPC: H04N21/23614 H04N21/21805 H04N21/4348 H04N21/4353
H04N21/816 H04N13/194 H04N13/363 H04N13/366 H04N21/218
H04N21/236 H04N21/2368 H04N21/434 H04N21/435 H04N21/81
H04N5/44504 H04N5/23238 G06F16/5866 G06F16/583 H04N13/178
H04N5/278 H04N13/161 H04N13/117 H04N13/172 G06T3/0018



Family:

Publication number	Publication date	Application number	Application date
KR20190094451 A	20190813	KR20197021149	20180921
KR20190139795 A	20191218	KR20190068198	20190610
US2019379856 AA	20191212	US20190436352	20190610
US2019379876 AA	20191212	US20180490049	20180921
WO19066436 A1	20190404	WO2018KR11323	20180921
WO19235904 A1	20191212	WO2019KR06956	20190610

Priority:

US20170563093P 20170926 KR20180040350 20180406 KR20180066307 20180608
KR20180077375 20180704 WO2018KR11323 20180921 US20180490049 20180921

Probable Assignee: LG ELECTRONICS

Assignee(s): (std): LG ELECTRONICS ; LG ELECTRONICS INC

Inventor(s): (std): LEE JANGWON ; HWANG SOOJIN ; OH SEJIN ; HUR HYEJUNG

Agent(s): ENVISION PATENT AND LAW FIRM

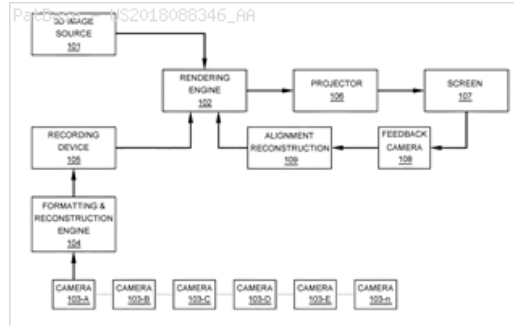
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU
ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG
MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC
SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: THREE-DIMENSIONAL IMAGING SYSTEM

Abstract: A three-dimensional imaging system relies on effective native image resolution reduction in order to provide an array of pixel clusters, or voxels, with each pixel of the voxel representing a pixel of the image from a unique viewing angle. A 16-megapixel screen having 16-pixel voxels results in a screen having an image capacity downgraded to a 1-megapixel screen capable of showing sixteen different viewing angles. The system can be set up as a rear-projection screen or as a reflective screen illuminated by a front projector. The invention is best implemented with projectors and screens that represent all colors at a single physical location, such as a 3-panel LCD color-combinant projector or a DLP projector, either single or triple chip type. When the RGB sub-pixels are non-coincident, the viewers will see color artifacts that detract from the viewing experience.

Classifications:

International (IPC 8-9): G02B27/22 G03B21/14 G03B21/625
G03B35/26 H04N13/00 (Advanced/Invention)
CPC: G02B30/26 G02B30/35 G03B21/602 G03B35/18 H04N13/111
H04N13/243 H04N13/302 H04N13/324 H04N13/327 H04N13/363
H04N13/366 G02B30/34 G03B21/625 G03B35/26 H04N13/122
US: 1/1 353/79

**Family:**

Publication number	Publication date	Application number	Application date
US2018088346 AA	20180329	US20170721634	20170929
US10078228 BB	20180918	US20170721634	20170929

Priority:

US20160401456P 20160929 US20170721634 20170929

Probable Assignee:

WILLDEN JEREMY PAUL

Assignee(s): (std):

WILLDEN JEREMY PAUL

Inventor(s): (std):

WILLDEN JEREMY PAUL

Agent(s):

FOX III ANGUS C

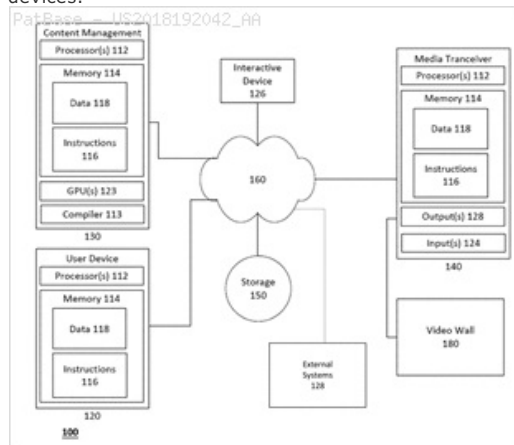
9) Family number: 70342179 (US2018192042A)

Title: VIRTUAL DISPLAY ENGINE

Abstract: A computer implemented method for mapping **video** to a **video** wall. The method provides for receiving, by one or more computing devices, content comprising pixel data. The method also provides for generating, by the one or more computing devices, a pixel space. The pixel data is associated with the pixel space by the one or more computing devices. One or more virtual cameras are generated by the one or more computing devices. A portion of the pixel space is captured by the one or more virtual cameras, and the portion of the pixel space captured by the one or more virtual cameras for display on the **video** wall is outputted by the one or more computing devices.

Classifications:

International (IPC 8-9): G09G5/00 H04N13/20 H04N21/414
H04N9/31 (Advanced/Invention)
CPC: H04N13/0459 H04N13/0402 H04N9/31 H04N21/41415
H04N13/363 H04N13/302 H04N21/4122 H04N21/4307
H04N21/440263 G06F3/1423 G09G5/003 H04N9/3147 H04N9/3179
H04N9/3194 G09G5/12 G09G2300/026 G09G2340/12 G09G2354/00
US: 1/1 353/7

**Family:**

Publication number	Publication date	Application number	Application date
US2018192042 AA	20180705	US20170859049	20171229
WO18126220 A1	20180705	WO2017US69111	20171229

Priority:

US20160440524P 20161230 US20170859049 20171229

Probable Assignee: HOLONYNE CORP**Assignee(s): (std):** HOLONYNE CORP**Inventor(s): (std):** STOLZBERG JON**Agent(s):** SPARK MATTHEW J ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC

10) Family number: 68350223 (US2019215540A)

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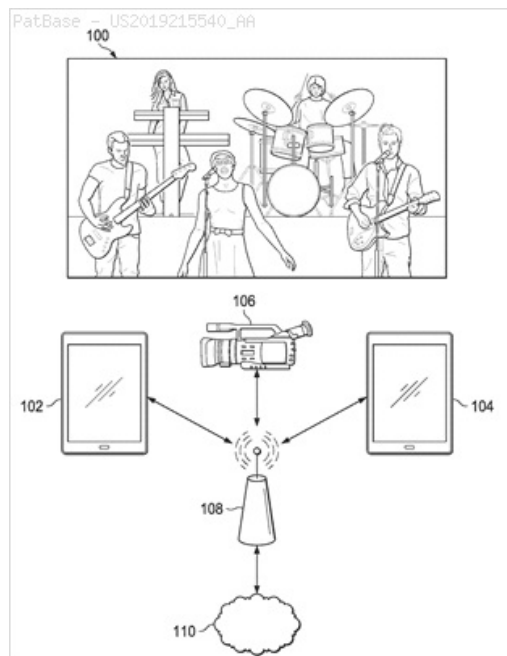
Title: NETWORK-BASED PROCESSING AND DISTRIBUTION OF MULTIMEDIA CONTENT OF A LIVE MUSICAL PERFORMANCE

Abstract: Methods, systems, and computer program products for network-based processing and distribution of multimedia content of a live performance are disclosed. In some implementations, recording devices can be configured to record a multimedia event (e.g., a musical performance). The recording devices can provide the recordings to a server while the event is ongoing. The server automatically synchronizes, mixes and masters the recordings. The server performs the automatic mixing and mastering using reference audio data previously captured during a rehearsal. The server streams the mastered recording to multiple end users through the Internet or other public or private network. The streaming can be live streaming.

Classifications:

International (IPC 8-9): G10H1/00 G10H1/44 G10H7/00 G10K15/02 G10L21/034 G10L25/21 H04H60/00 H04H60/02 H04N21/2187 H04N21/232 H04N21/233 H04N21/234 H04N21/433 H04N5/232 H04R3/00 H04S1/00 (Advanced/Invention)

CPC: H04N21/232 H04N21/4334 G11B27/034 G06F3/165 G10H1/0058 G10H1/368 G10H1/46 G10H2210/305 G10H2220/455 G10H2240/325 G10H1/00 G10H1/44 G10H7/00 H04H60/04 H04N21/2187 H04N21/233 H04N21/234 H04N21/234345

**Family:**

Publication number	Publication date	Application number	Application date
CN109478400 A	20190315	CN201780045266	20170720
EP3488439 A1	20190529	EP20170831901	20170720
JP2019525571 T2	20190905	JP20190500634T	20170720
US2019215540 AA	20190711	US20170311982	20170720
WO18017878 A1	20180125	WO2017US43152	20170720

Priority:

ES20160031002	20160722	US20160398835P	20160923	ES20170030282	20170302
US20170501344P	20170504	WO2017US43152	20170720	US20170311982	20170720

Probable Assignee: DOLBY LABORATORIES LICENSING CORP**Assignee(s):** (std): DOLBY INT AB ; DOLBY LABORATORIES LICENSING CORP**Inventor(s):** (std): VASCO CRISTINA MICHEL ; CENGARLE GIULIO ; MATEOS SOLE ANTONIO ; NICOL PHILIP

Agent(s): DOLBY INT AB PATENT GROUP EUROPE; ITOH TADASHIGE; ITOH TADAHIKO; OHNUKI SHINSUKE; ANDERSEN ROBERT L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW