

Diego Gonzalez

Title: HEADSET-BASED TELECOMMUNICATIONS PLATFORM

Abstract: A hands-free wireless wearable GPS enabled video camera and audio-video communications headset, mobile phone and personal media player, capable of real-time two-way and multi-feed wireless voice, data and audio-video streaming, telecommunications, and teleconferencing, coordinated applications, and shared functionality between one or more wirelessly networked headsets or other paired or networked wired or wireless devices and optimized device and data management over multiple wired and wireless network connections. The headset can operate in concert with one or more wired or wireless devices as a paired accessory, as an autonomous hands-free wide area, metro or local area and personal area wireless audio-video communications and multimedia device and/or as a wearable docking station, hot spot and wireless router supporting direct connect multi-device ad-hoc virtual private networking (VPN). The headset has built-in intelligence to choose amongst available network protocols while supporting a variety of onboard, and remote operational controls including a retractable monocular viewfinder display for real time hands-free viewing of captured or received video feed and a duplex data-streaming platform supporting multi-channel communications and optimized data management within the device, within a managed or autonomous federation of devices or other peer-to-peer network configuration.

Classifications:

International (IPC 8-9): G01C3/00 G06F1/16 G06F3/00 G06K9/00 G09G5/00 G10L15/00 H04B7/00 H04B7/24 H04M1/00 H04M1/02 H04M1/247 H04M1/60 H04M1/725 H04M11/00 H04N5/225 H04N5/228 H04N5/232 H04N5/262 H04N5/33 H04N7/14 H04N7/18 H04Q9/00 H04R1/02 H04R1/10 H04W88/02 H04W88/06 (Advanced/Invention); G06F17/30 (Advanced/Non-invention); G01C3/00 G09G5/00 G10L15/00 H04B7/00 H04M1/00 H04N5/225 H04N5/228 H04N5/262 H04N5/33 H04N7/14 (Core/Invention); G06F17/30 (Core/Non-invention)

CPC: G06F1/1686 H04M1/6066 H04N7/18 H04M1/725 H04N2007/145 H04M1/0264 H04N5/23212 H04N5/23296 G06K9/00268 G06K9/0061 H04M1/0266 H04M1/0272 H04M1/0216 H04N7/142

European: H04M1/60T2B2 H04N7/14A2 H04N7/18

US: 345/8 345/8S 348/14.02 348/164 348/164P 348/208.99 348/208.990S 348/222.1 348/222.100S 348/240.3 348/240.300S 348/240.99 348/240.990S 348/370 348/370S 348/373 348/373S 348/E5.026 348/E5.029 348/E5.055 348/E5.09 348/E50.26S 348/E50.29S 348/E50.55S 348/E50.90S 356/3 356/3S 455/41.2 455/41.200S 455/556.1 455/556.100S 455/572 455/572S 704/275 704/275S 704/E15.001 704/E15.001S 707/822 707/822S 707/E17.01 707/E17.010S

PatBase - US2010245585_AA

Patent Application Publication Sep. 30, 2010 Sheet 1 of 36 US 2010/0245585 A1

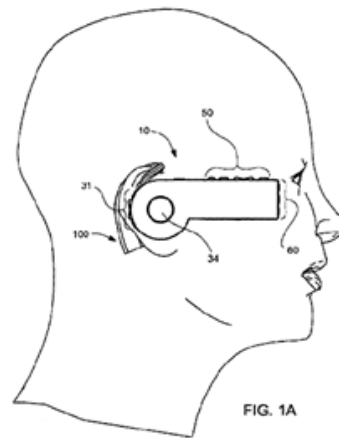


FIG. 1A

Family:

Publication number	Publication date	Application number	Application date
CN102439972 A	20120502	CN201080018616	20100226
CN102439972 B	20160210	CN201080018616	20100226
CN105717989 A	20160629	CN201610034639	20100226
EP2401865 A1	20120104	EP20100746920	20100226
EP2401865 A4	20131211	EP20100746920	20100226
IN06926CN2011 A	20130426	IN2011CN06926	20110923
JP2012519422 T2	20120823	JP20110552192T	20100226
JP2015043576 A2	20150305	JP20140185686	20140911
JP2017201827 A2	20171109	JP20170133662	20170707
JP5616367 B2	20141029	JP20110552192T	20100226
JP6360601 B2	20180718	JP20170133662	20170707
KR101511193 B1	20150410	KR20147008354	20100226
KR20110131247 A	20111206	KR20117022569	20100226
KR20140061472 A	20140521	KR20147008354	20100226
US2010245585 A	20100930	US20100714693	20100301
US2015085059 AA	20150326	US20140557072	20141201
US2015133190 AA	20150514	US20140557012	20141201
US2018131791 AA	20180510	US20170639564	20170630
US8902315 BB	20141202	US20100714693	20100301
US9699281 BB	20170704	US20140557012	20141201
US9860352 BB	20180102	US20140557072	20141201
WO10099453 A1	20100902	WO2010US25603	20100226
WO10099453 A4	20101125	WO2010US25603	20100226

Priority:

US20090208783P	20090227	US20090270221P	20090706	CN201080018616	20100226
JP20110552192	20100226	JP20110552192T	20100226	JP20140185686	20100226
WO2010US25603	20100226	US20100714693	20100301	US20140557072	20141201
US20140557012	20141201	US20170639564	20170630	JP20170133662	20170707

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Agent(s): ZIMMERMANN TANKRED KLAUS; GLENN PATENT GROUP; MICHAEL A; PERKINS COIE LLP; GLENN
MICHAEL A 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
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SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

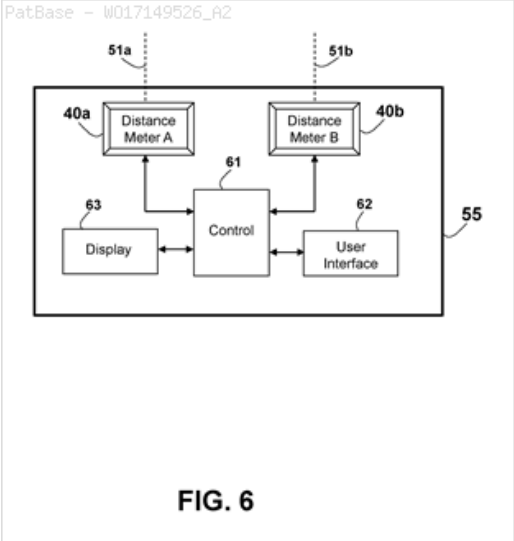
Title: A METHOD AND APPARATUS FOR COOPERATIVE USAGE OF MULTIPLE DISTANCE METERS

Abstract: A method and apparatus for an angle meter cooperatively using two or more non-contact distance meters for measuring distances to a surface along substantially parallel lines. The measured distances are used for estimating or calculating the angle to the surface and the distance to the surface. The distance meters may use optical means, where a visible or non-visible light or laser beam is emitted and received, acoustical means, where an audible or ultrasound sound is emitted and received, or an electro-magnetic scheme, where radar beam is transmitted and received. The distances may be estimated using a Time-of-Flight (TOF), homodyne or heterodyne phase detection schemes. The distance meters may share the same correlator, signal conditioning circuits, or the same sensor. Two or more angle meters may be used defining parallel or perpendicular measurement planes, for measuring angles between surfaces, and for estimating physical dimensions such as length, area or volume.

Classifications:

International (IPC 8-9): G01B15/04 G01C3/10 G01C3/18 G01S17/08 G01S17/42 (Advanced/Invention)

CPC: G01B15/00 G01B11/026 G01B11/26 G01S1/00



Family:

Publication number	Publication date	Application number	Application date
WO17149526 A2	20170908	WO2017IL50220	20170222
WO17149526 A3	20171005	WO2017IL50220	20170222

Priority:

US20160303388P 20160304 US20160373388P 20160811

Probable Assignee: MAY PATENTS LTD

Assignee(s): (std): MAY PATENTS LTD

Inventor(s): (std): BINDER YEHUDA

Agent(s): BINDER SHEM TOV DORIT

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 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: HEADSET MOVING CAMERA FOR ONE PERSON DOCUMENTARIAN

Abstract: Source: KR20050089371A **Machine translation:** The headset according to the invention, equipped with a photographing device for detecting the direction of the field of view of the eye and the eye lens in accordance with the direction detected by the direction of the field of view changes to a digital camera (40), mounted so as to be positioned in front of one eye of it is possible to adjust the position, which is installed to the viewfinder 50, mounted for taking the voice, earphone 30 for taking a headset that includes a microphone and a camera; and a microphone 70, and interview interview interview for shooting a microphone in the microphone and the camera (40) taking the voice, storing the image is taken, the storage and output video and audio stored in the storage device, and the audiovisual output device comprises a control device for controlling the camera to a portable controller; and characterized in that it includes a. The present invention is individual activities, such as VJ, reporter, documentary and rapid when taking a screen capture are suitable, and intuitive to the will of the user, with the existing fast-response is made in a format that is different from a camera image to the broadcast, and that it is possible to obtain a highly intuitive. In addition, the photographer can serve as both the writer is less manufacturing cost is about the author's personality can be more clearly. Byheadset, camera, a child, controller

Classifications:
International (IPC 8-9): H04N5/225 (Advanced/Invention);
H04N5/225 (Advanced/Non-invention);
H04N5/225 (Core/Invention)
International (IPC 1-7): H04N5/225
CPC: H04N5/225 H04N5/23219 G02B27/0093 H04N5/2257
H04N5/23293 H04N5/23296



Family:

Publication number	Publication date	Application number	Application date
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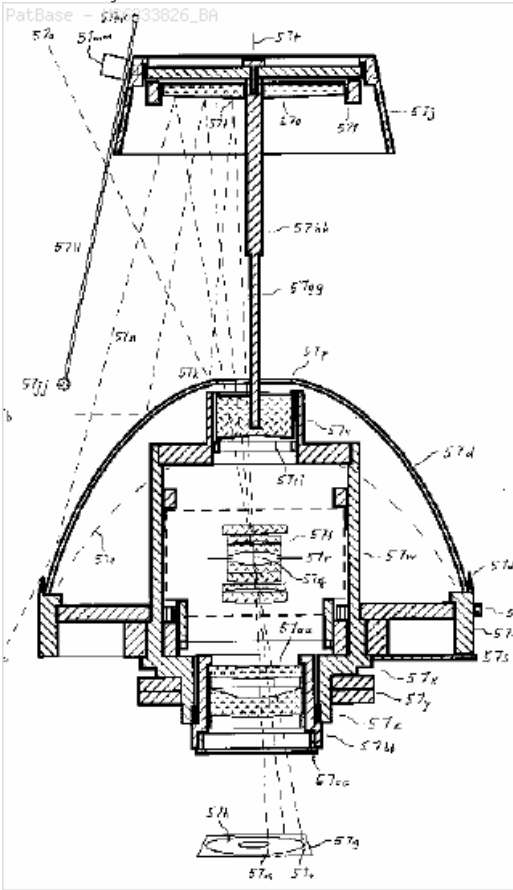
Priority:
KR20040014733 20040304

Probable Assignee: KOREA ADVANCED INST SCI AND TECH
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Assignee(s): KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY ; KOREA ADVANCED INST OF SCIENCE AND TECHNOLOGY
Inventor(s): (std): CHO SEONG YOON ; NAM TEK JIN

Title: OMNIRAMIC OPTICAL SYSTEM HAVING CENTRAL COVERAGE MEANS WHICH IS ASSOCIATED WITH A CAMERA, PROJECTOR, OR SIMILAR ARTICLE

Abstract: The present invention relates to an omniramic wide angle optical system which is associated with a camera, projector, medical instrument, surveillance system, flight control system, or similar article. The optical system typically consists of a Cassegrain system having a strongly curved convex reflecting surface with a prolate aspheric figure, a secondary reflector surface, and a modular imaging and correcting lens system. The invention further relates to the distribution of still or motion picture image elements by optical or electronic means, whereby the entire image or any subset thereof is converted from a two dimensional annular image or a segment thereof to a viewable horizontal image or a subset thereof; or, from a horizontal format image or a subset thereof into an annular image or a segment thereof. The present invention also relates to the capture, integration, and display of images having three dimensional information and the capture and presentation of sound and other attributes of real or artificially generated subject matter.

Classifications:
International (ipc 8-9): G02B13/06 G02B17/08 (Advanced/Invention); G02B13/06 G02B17/08 (Core/Invention)
International (ipc 1-7): A61B G02B13/06 G02B17/00
CPC: G02B13/06 G02B17/086
European: G02B13/06 G02B13/08 G02B17/08 G02B17/08M1 S02B203/20
US: 359/366 359/725 359/728 359/729 359/731 359/859



Family:

Publication number	Publication date	Application number	Application date
US6333826 BA	20011225	US19980036612	19980307
US6449103 BA	20020910	US19980060653	19980415
WO9846116 A2	19981022	WO1998US08063	19980416
WO9846116 A3	19990225	WO1998US08063	19980416
WO9847025 A2	19981022	WO1998US07701	19980416

Priority:
US19970043701P 19970416 US19970055876P 19970815 US19980036612 19980307
US19980060653 19980415

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Assignee(s): (std): CHARLES JEFFREY R
Inventor(s): (std): CHARLES JEFFREY R
Designated states: JP

Title: VIDEO CAMERA SYSTEM HAVING REMOTE COMMANDER

Abstract: An image pickup system that is small in scale, handy to maneuver, easy to operate and advanced in editing capabilities is disclosed. A commander device is used both as a remote commander and as a microphone in operating a video camera for image pickup. Wearing a headset on the head, a user looks at images appearing on a headset display to monitor and verify recorded images without recourse to a view finder of the video camera. Functions of the components making up the system are changed by operation of a mode switch attached to the video camera.

Classifications:

International (IPC 8-9): G11B27/03 G11B27/031 G11B27/034
G11B27/34 H04N5/222 H04N5/225 H04N5/232 H04N5/262 H04N5/77
H04N5/91 (Advanced/Invention);

H04N5/225 (Advanced/Non-invention);

G11B27/03 H04N5/222 H04N5/225 H04N5/91 (Core/Invention)

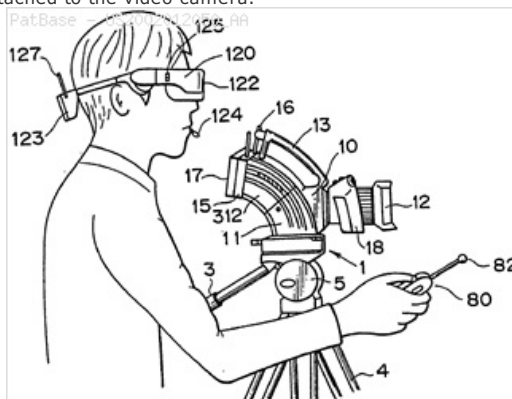
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H04N5/77 H04N5/91 H04N9/00

CPC: H04N5/2252 H04N5/232 H04N5/23293

European: H04N5/225C2 H04N5/232 H04N5/232V

US: 345/858 348/115 348/115S 348/211 348/211.13 348/211.14
348/211.2 348/211.200P 348/211.4 348/211.400S 348/211.99
348/211.990P 348/333.01 348/373 348/373S 348/375 348/E05.042
348/E05.047 348/E5.042 348/E5.047 348/E50.42S 348/E50.47S
715/764 715/858



Family:

Publication number	Publication date	Application number	Application date
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CN1110943 C	20030604	CN19981014721	19980424
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DE69812470 D1	20030430	DE19986012470T	19980420
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EP0878962 A2	19981118	EP19980303005	19980420
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EP1073266 B1	20050615	EP20000203667	19980420
ID20196 A	19981029	ID19980000591	19980420
JP10304234 A2	19981113	JP19970106946	19970424
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US2002012050 AA	20020131	US20010957900	20010921
US2003011685 AA	20030116	US19980059670	19980413
US2004051788 AA	20040318	US20030663203	20030915
US6556240 BB	20030429	US19980059670	19980413
US6828994 BB	20041207	US20010957900	20010921
US7545410 BB	20090609	US20030663203	20030915

Priority:

JP19970106946 19970424 US19980059670 19980403 US19980059670 19980413
EP19980303005 19980420 KR19980014628 19980424 US20010957900 20010921
US20030663203 20030915 JP20040035205 20040212

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Agent(s): FROMMER LAWRENCE AND HAUG LLP; FROMMER WILLIAM S; PRESSON THOMS F; WILLIAM S; THOMS F

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE