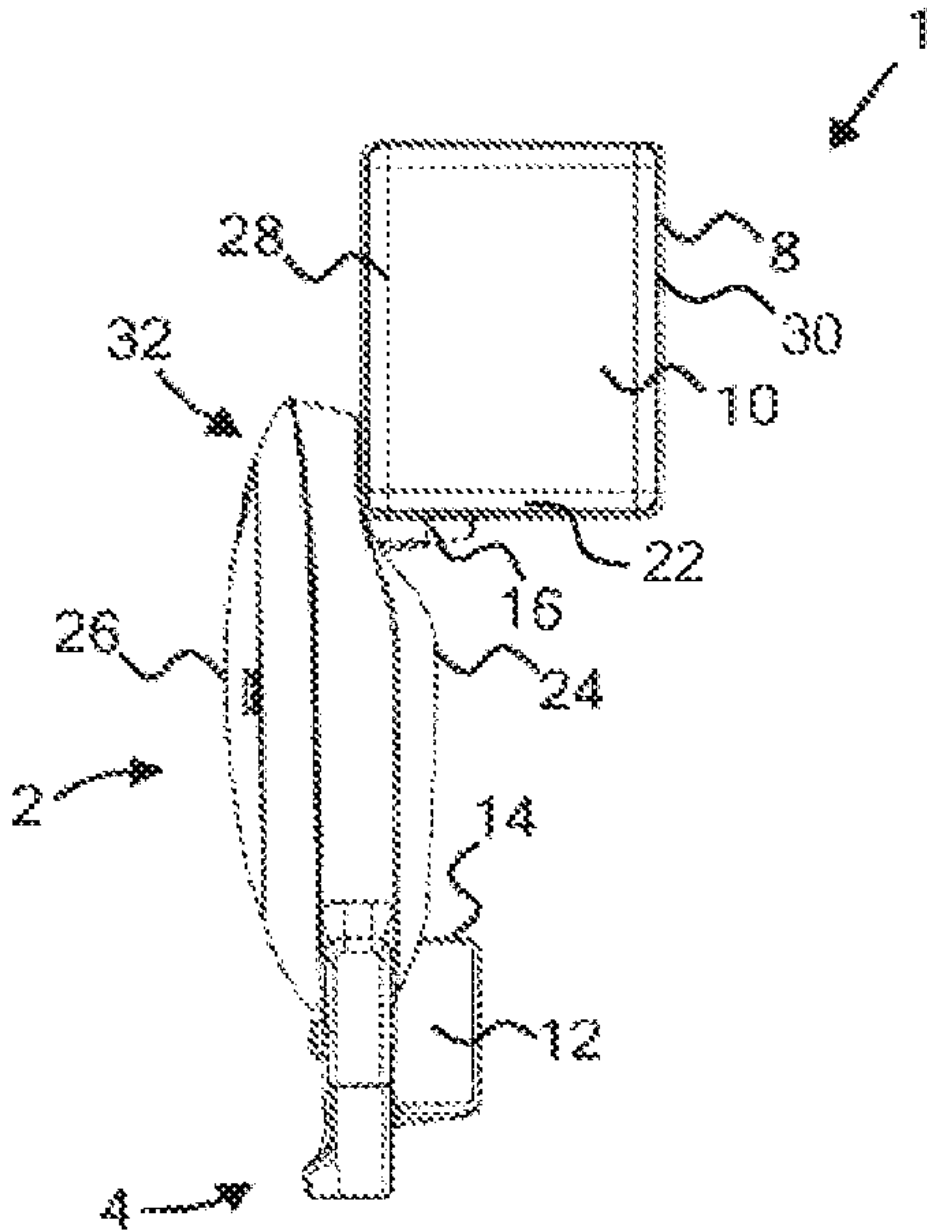


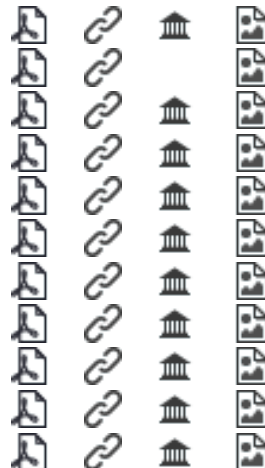
20 Documents

Publication numbers	Title	Current assignees
WO2011141686 A1	Video laryngoscope	AIRCRAFT MEDICAL
GB201119797 D0	Laryngoscope and laryngoscope blades	AIRCRAFT MEDICAL
CN101972134 A	Disposable-intubation bougie-containing video laryngoscope	SHANGHAI FOREAL OPTOELECTRONIC
CA3004556 A1	Video laryngoscope with monitor stabilization	SCHOONBAERT IAN
CN202173383U U	Video laryngoscope having one-time intubation bougie	SHANGHAI FOREAL OPTOELECTRONIC
WO2014200674 A2	Laryngoscope	NACOUZI VINCENT
GB200819942 D0	Guiding device for use with laryngoscope	INDIAN OCEAN MEDICAL
US20110245609 A1	Video adapter for laryngoscope	VADIM LASER
EP2491853 A1	Device comprising a set of magnetic elements, particularly suitable as a support to the procedure of patient's tracheal intubation	DE DOMENICO ANDREA
GB200903610 D0	Insertion section for laryngoscope with lateral tube guide	AIRCRAFT MEDICAL
WO201674894 A2	Intubation laryngoscope	UNIVERSITAT ZÜRICH
GB201110346 D0	Laryngoscope	CAREFUSION 202, ...
WO2011130654 A1	Laryngoscope	OKAYAMA NATIONAL UNIVERSITY
GB201308528 D0	Medico-surgical viewing assemblies, guides and introducers	SMITHS MEDICAL
WO201422550 A1	Laryngoscope	NACOUZI VINCENT
US20050090712 A1	Two-piece video laryngoscope	CUBB ANTHONY
GB200903612 D0	Laryngoscope insertion section with tube guide	AIRCRAFT MEDICAL
CN208447553U U	Intelligent laryngoscope	SHENZHEN ZHILI EQUIPMENT TECHNOLOGY
CA2783354 A1	Laryngoscopic device	SCHOONBAERT IAN
WO2011150469 A1	Improvements in laryngoscopy	HALES PAUL

Images



WO2011141686	A1	2011-11-17	WO2011141686
GB201222463	D0	2013-01-30	GB201222463
GB2494345	A	2013-03-06	GB2494345
US20130057667	A1	2013-03-07	US20130057667
JP2013526320	A	2013-06-24	JP2013526320
JP2015166019	A	2015-09-24	JP2015166019
US9364140	B2	2016-06-14	US9364140
US20160317010	A1	2016-11-03	US20160317010
GB2494345	B	2017-06-14	GB2494345
US9907464	B2	2018-03-06	US9907464
US20180192865	A1	2018-07-12	US20180192865



Abstract

(WO2011141686)

Disclosed is a video laryngoscope having a body, an insertion section extending from the body generally parallel to a median plane of the laryngoscope extending through the body, and a display screen assembly extending from the body generally perpendicular to the median plane, the body comprising a grip portion intermediate the display screen assembly and the insertion section. The display screen assembly, comprising a display screen, extends laterally from the body and the inner edge of the display screen falls within the lateral extent of the body. The grip portion is also of a minimum size to allow an adult to grip the laryngoscope, the hand abutting the screen assembly. Thus, the laryngoscope is of a minimum overall size, the screen is positioned as close as possible to the line of sight of a user directly viewing the distal end of the insertion section, during a medical procedure, facilitating the user alternating between direct and indirect viewing, whereas the screen does not prevent the user from manipulating the laryngoscope by applying thumb pressure to the body. The laryngoscope may optionally be provided with thumb operable controls on the body or the screen. The screen may be adjustable about an axis, and, by virtue of the configuration and size of the laryngoscope, adjustment may be effected by the user's thumb, without the need to adjust the grip of the remaining digits.

Inventors

MCGRATH MATTHEW JOHN ROSS

Latest standardized assignees - inventors removed

AIRCRAFT MEDICAL

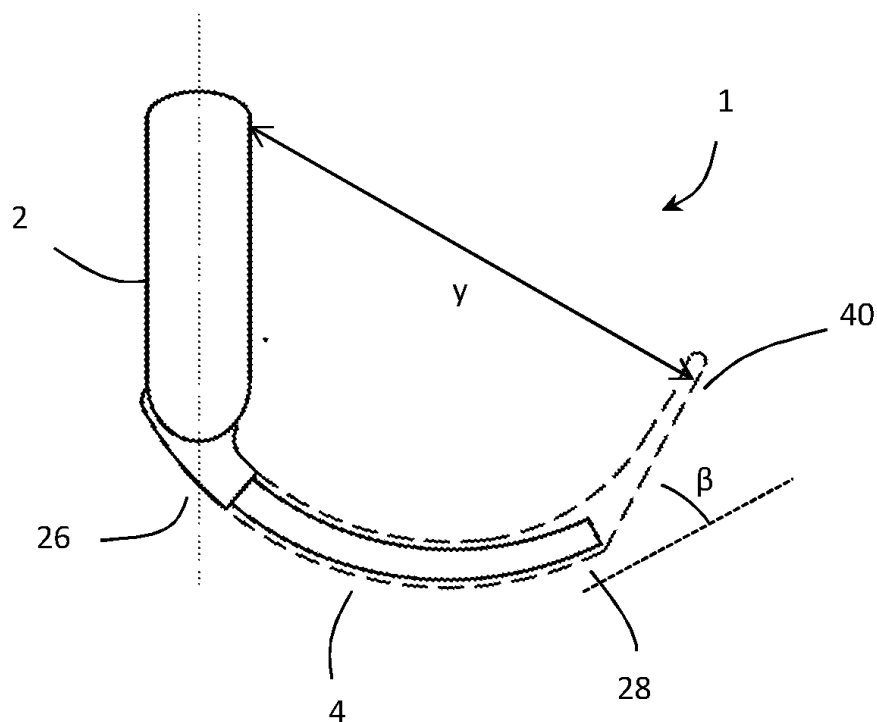
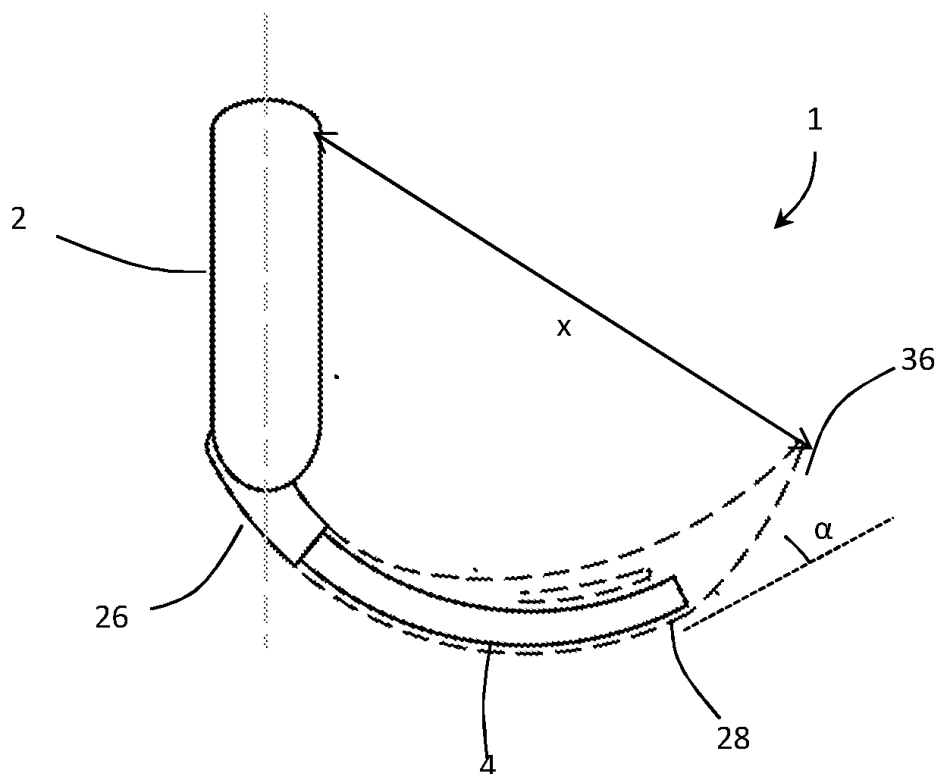
Family 2/20 - FAMPAT - ©Questel

Title

(EP2779886)

Laryngoscope and laryngoscope blades

Images



Publication data including kind & date

GB201119797	D0	2011-12-28	GB201119797
WO2013072706	A1	2013-05-23	WO201372706
GB201409002	D0	2014-07-02	GB201409002
GB2510306	A	2014-07-30	GB2510306
CN104066369	A	2014-09-24	CN104066369
EP2779886	A1	2014-09-24	EP2779886
US20140296645	A1	2014-10-02	US20140296645
JP2015502782	A	2015-01-29	JP2015502782



[HK1202235](#)

A1 2015-09-25 HK1202235

[GB2510306](#)

B 2016-03-16 GB2510306

**Abstract**

(EP2779886)

A **laryngoscope** body for use with **laryngoscope blades** is presented having an elongate **handle** and a **blade** retaining member configured to retain a **blade** such that the **blade** extends away from the elongate **handle**; wherein the **blade** retaining member is fixable at a plurality of positions to allow a **blade** to be retained on the **blade** retaining member at a plurality of - angles relative to the elongate **handle**. There is also disclosed a kit of parts comprising a **laryngoscope** body and a plurality of **blades**, as well as a method of use for the said **laryngoscope** body with a suitable **laryngoscope blade**.

Inventors

MCGRATH MATTHEW JOHN ROSS

INGLIS PETER DOUGLAS COLIN

RHODES THOMAS JAMES

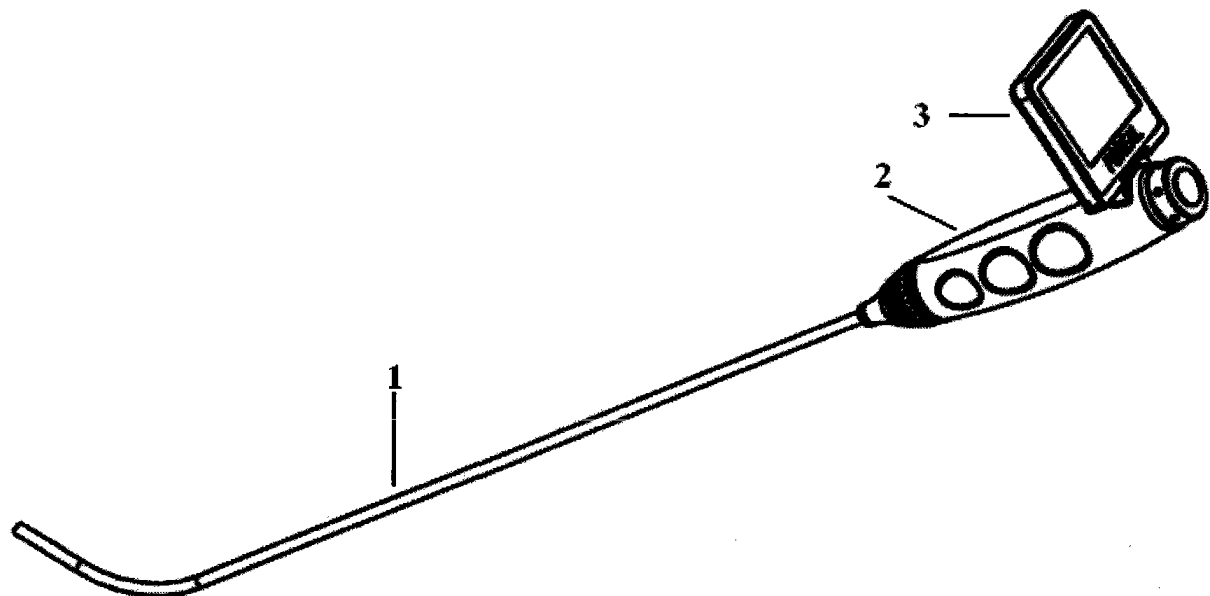
Latest standardized assignees - inventors removed

AIRCRAFT MEDICAL

Family 3/20 - FAMPAT - ©Questel

Title

(CN101972134B)

Disposable-intubation bougie-containing **video laryngoscope****Images****Publication data including kind & date**[CN101972134](#)

A 2011-02-16 CN101972134

[CN101972134](#)

B 2012-07-04 CN101972134B

**Abstract**

(CN101972134B)

The invention discloses a disposable intubation bougie-containing **video laryngoscope**. The disposable intubation bougie-containing **video laryngoscope** comprises an intubation bougie, a **handle** and a liquid crystal display. A micro camera used in the intubation bougie is a complementary metal oxide semiconductor (CMOS) image acquisition chip with resolution of 70,000 to 100,000 pixels, so that the manufacturing cost of the intubation bougie is greatly reduced; a locking structure is arranged at the junction of the intubation bougie and the **handle**, so that the connection between the intubation bougie and the **handle** is detachable, stable and reliable and is not loose; and a glass flat plate coated with an antireflection film is

arranged in front of the micro camera, so that the consistency of imaging of the micro camera in air or body fluid is ensured. The cheap intubation bougie can be discarded without being completely sterilized after being used once. The **video laryngoscope** is particularly suitable for endotracheal intubation monitored by the **video laryngoscope** which is implemented in ambulances and emergency rooms of hospitals.

Inventors

ZHENG ANMIN
XIA ZHONGPING
TANG WEI
LUO QIONGYE
XIONG FEI

Latest standardized assignees - inventors removed

SHANGHAI FOREAL OPTOELECTRONIC

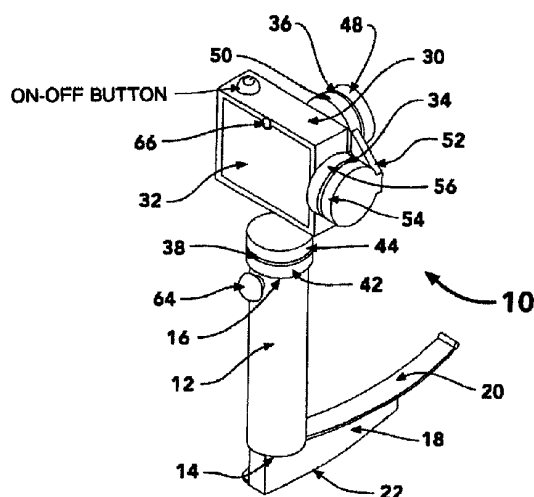
Family 4/20 - FAMPAT - ©Questel

Title

(CA3004556)

Video laryngoscope with monitor stabilization

Images



Publication data including kind & date

[CA3004556](#)

A1 2018-11-11

CA3004556



Abstract

(CA3004556)

A **laryngoscope** device with an elongate **handle** includes a **video laryngoscope blade** with a camera mounted transversely on a first end of the **handle** and one or more **pivot** assemblies coupling a display monitor on an opposing second end of the **handle**. Each **pivot** assembly includes a **pivot** coupling defining a respective axis of rotation of the display monitor relative to the **handle** and a motor for controlling angular position of the display monitor relative to the **handle** about the respective axis. A sensor device is arranged to detect movement of the display monitor away from a target orientation such that a controller having the target orientation stored thereon can be adapted to operate the motor to return the display monitor to the target orientation.

Inventors

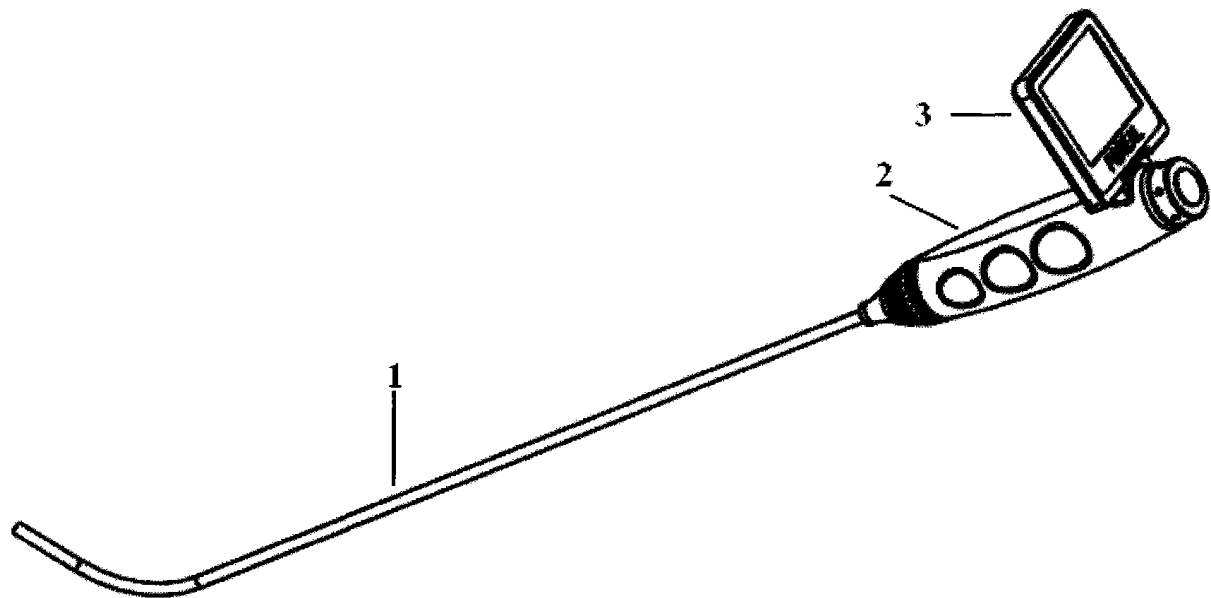
SCHOONBAERT IAN

Family 5/20 - FAMPAT - ©Questel

Title

(CN202173383U)

Video laryngoscope having one-time intubation bougie

Images**Publication data including kind & date**[CN202173383](#)

U

2012-03-28

CN202173383U

**Abstract**

(CN202173383U)

The utility model relates to a **video laryngoscope** having one-time intubation bougie, comprising an intubation bougie, a **handle** and a liquid crystal display (LCD). The miniature camera in the intubation bougie adopts a CMOS image acquisition chip having a resolution of 70,000 to 100,000 pixels; the manufacturing cost of the intubation bougie is largely decreased; the connecting part between the intubation bougie and the **handle** is provided with a locking structure, so that the connection between the intubation bougie and the **handle** can be disassembled and also cannot be loosened, which is stable and reliable; a glass plain film with a plated antireflective film is disposed in front of the miniature camera, so as to ensure the imaging consistency of the miniature camera in the air or in body fluid. The low-cost intubation bougie can be discarded after using once without being thoroughly disinfected. The **video laryngoscope** is particularly suitable for tracheal intubation in ambulance or hospital emergency room when implementing **video laryngoscope** monitoring.

Inventors

ZHENG ANMIN

XIA ZHONGPING

TANG WEI

LUO QIONGYE

XIONG FEI

Latest standardized assignees - inventors removed

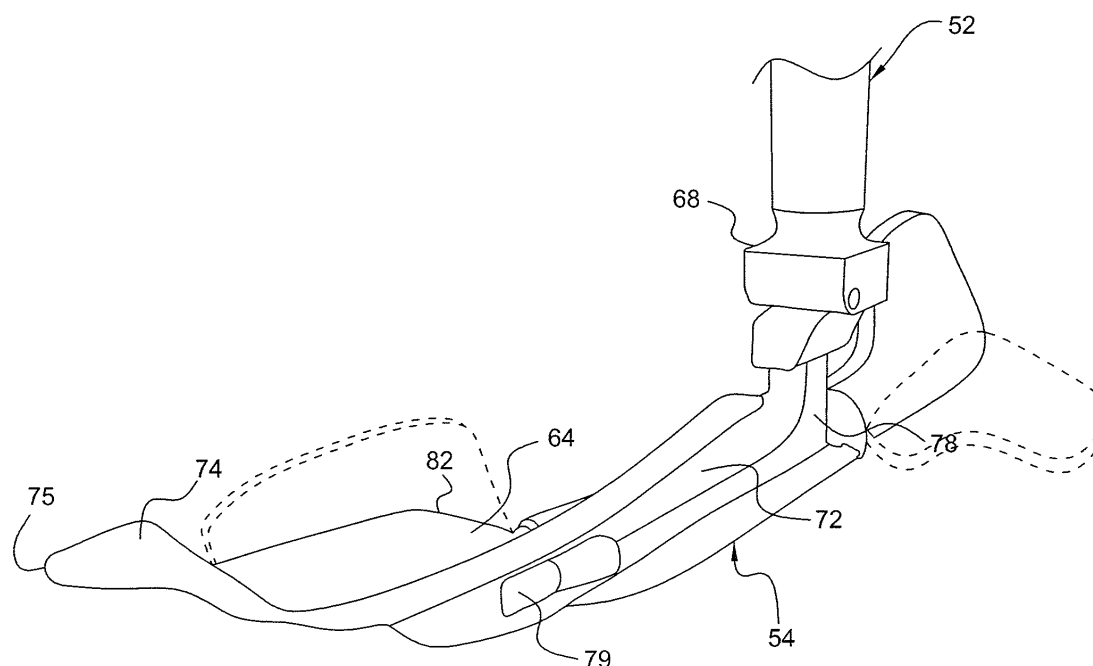
SHANGHAI FOREAL OPTOELECTRONIC

Family 6/20 - FAMPAT - ©Questel

Title

(WO2014200674)

Laryngoscope**Images**



Publication data including kind & date

WO2014200674	A2	2014-12-18	WO2014200674
WO2014200674	A3	2015-01-29	WO2014200674
US20160095509	A1	2016-04-07	US20160095509



Abstract

(WO2014200674)

A **laryngoscope** comprises a **handle** and an elongated **blade** detachably fixed to the **handle**. The **blade** includes a stationary portion having a longitudinal axis, a distal end of the stationary portion of the **blade** having a surface angled and upwardly and outwardly. A movable portion of the **blade** has a surface for engaging the tongue of the patient. The movable portion is mounted to the stationary portion of the **blade** for rotation about an axis substantially along the longitudinal axis of the **blade**. An operating member is manipulated by a user for rotating the movable portion of the **blade**. Laryngoscopy of a patient includes at least a rotating motion of the movable portion of the **blade**. In one embodiment, the **laryngoscope** comprises a tubular **handle** and an arcuate tubular **blade** integral with the **handle**.

Inventors

NACOUZI VINCENT

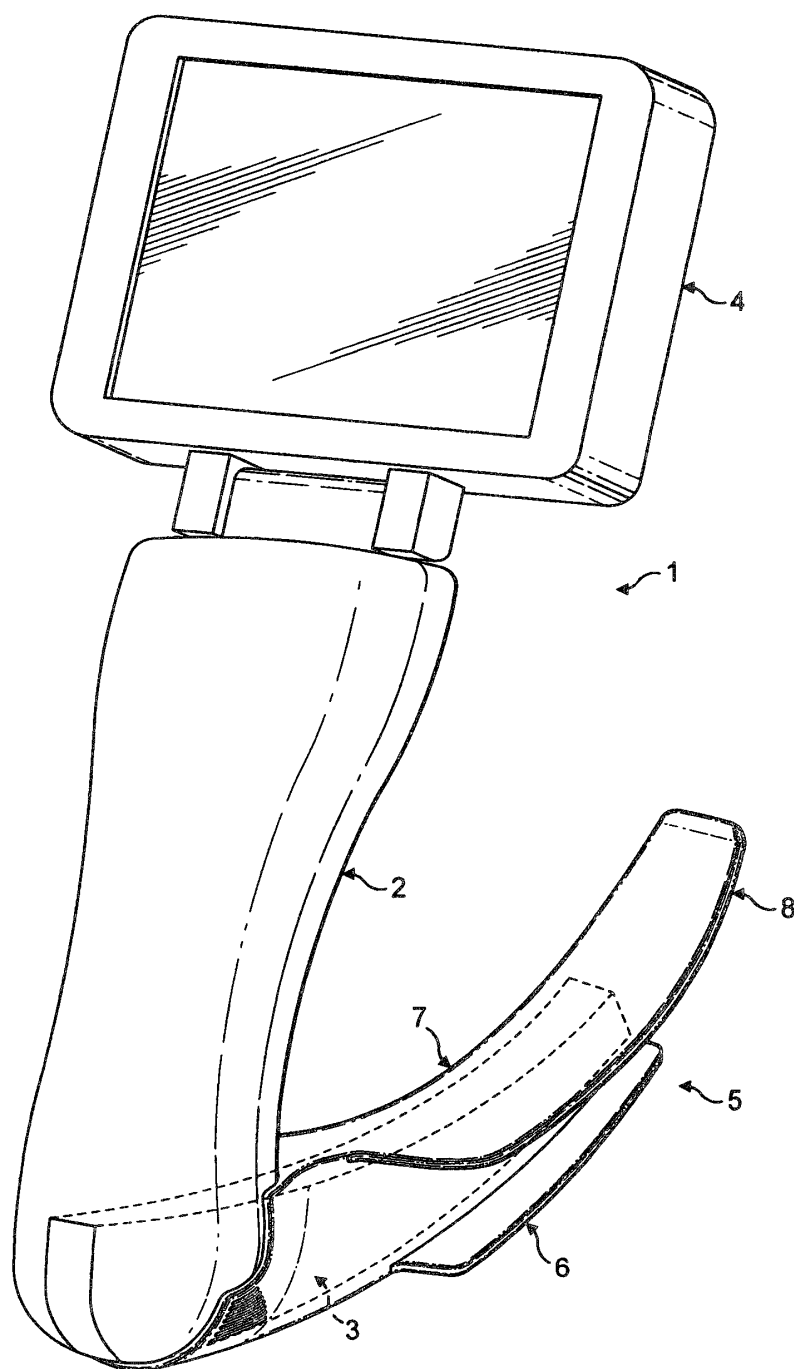
Family 7/20 - FAMPAT - ©Questel

Title

(EP3430972)

Guiding device for use with **laryngoscope**

Images



Publication data including kind & date

GB0819942	D0	2008-12-10	GB200819942
WO2010049694	A1	2010-05-06	WO201049694
CA2741610	A1	2010-05-06	CA2741610
AU2009309483	A1	2010-05-06	AU2009309483
TW201021755	A	2010-06-16	TW201021755
AR076735	A1	2011-07-06	AR--76735
EP2362746	A1	2011-09-07	EP2362746
CN102202556	A	2011-09-28	CN102202556



US20110306839	A1	2011-12-15	US20110306839				
JP2012506749	A	2012-03-22	JP2012506749				
IN3631/DELNP/2011	A	2012-04-27	IN2011DN03631				
RU2011119256	A	2012-12-10	RU2011119256				
US8814786	B2	2014-08-26	US8814786				
JP5586617	B2	2014-09-10	JP5586617				
SG10201503171W	A	2015-06-29	SG10201503171W				
AU2015207953	A1	2015-08-20	AU2015207953				
US20150305611	A1	2015-10-29	US20150305611				
BRPI0921434	A2	2016-01-05	BR200921434				
CN102202556	B	2016-07-06	CN102202556B				
AU2015207953	B2	2016-07-28	AU2015207953				
TWI574662	B	2017-03-21	TWI574662				
CA2741610	C	2017-08-29	CA2741610				
US9861270	B2	2018-01-09	US9861270				
US20180098693	A1	2018-04-12	US20180098693				
EP2362746	B1	2018-09-05	EP2362746				
EP3430972	A1	2019-01-23	EP3430972				
ES2700052	T3	2019-02-13	ES2700052				

Abstract

(EP3430972)

The present invention relates to a guiding device for use with a **laryngoscope** for assisting in the insertion of an endotracheal tube into a patient, the device comprising a guiding means for guiding an endotracheal tube through the patient's upper airways, and an attachment means to attach the guiding means to the **blade** of the **laryngoscope**. The invention further relates to a **laryngoscope** comprising the guiding device.

Inventors

YOUNG PETER

PATEL ANIL

Latest standardized assignees - inventors removed

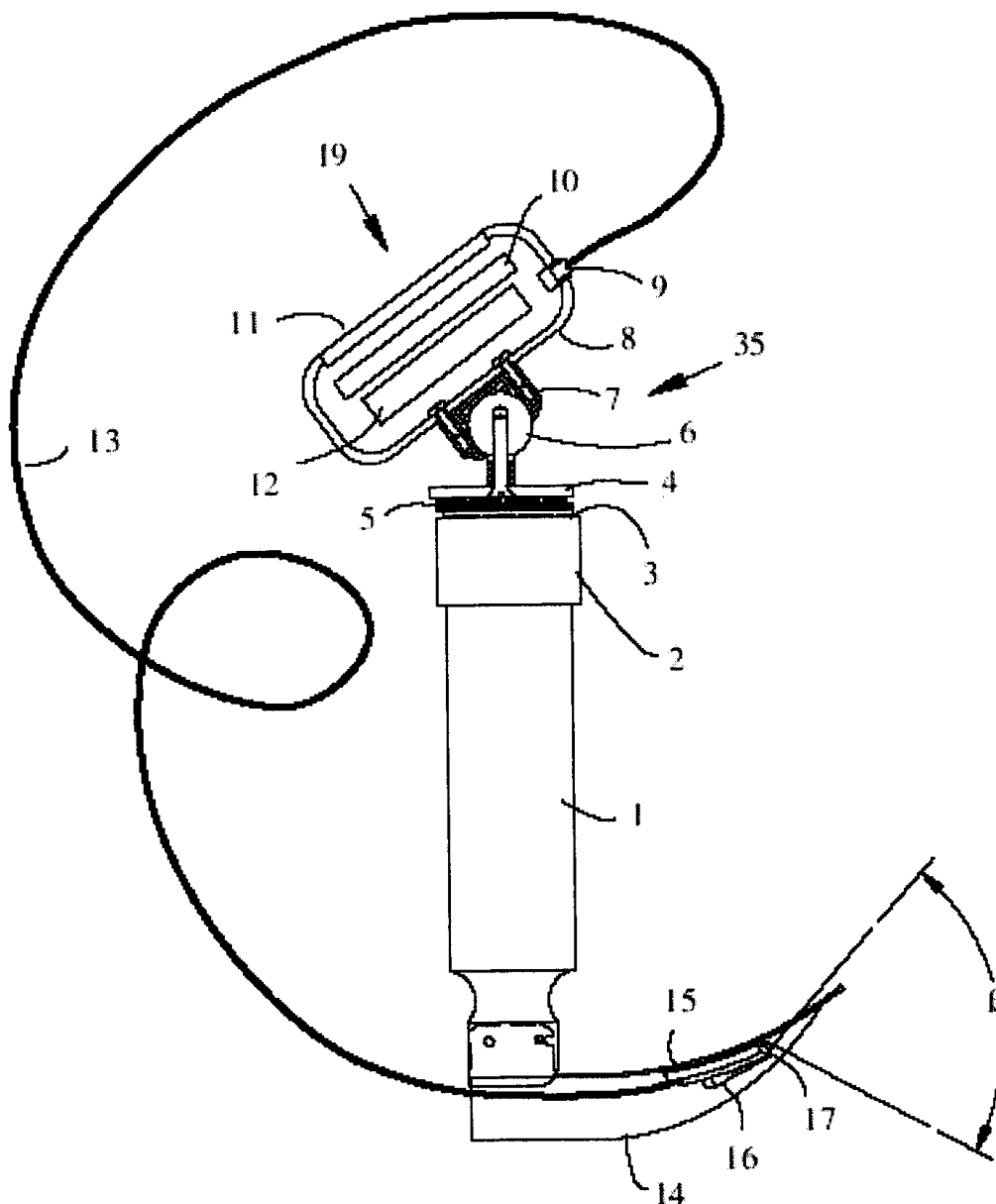
INDIAN OCEAN MEDICAL

Family 8/20 - FAMPAT - ©Questel

Title

(US20110245609)

Video adapter for **laryngoscope****Images**



Publication data including kind & date

US20110245609	A1	2011-10-06	US20110245609
IN0879/DEL/2011	A	2016-08-31	IN2011DE00879



Abstract

(US20110245609)

A portable, low power, low cost, **video** adapter for a common **laryngoscope**, having a slim self-illuminating CMOS camera, attachable with a disposable bracket to the **laryngoscope blade** and connected via flexible wire to the miniature battery powered color LCD monitor that is detachably mounted either on the wrist band or on top of **laryngoscope handle**.

Inventors

LASER VADIM

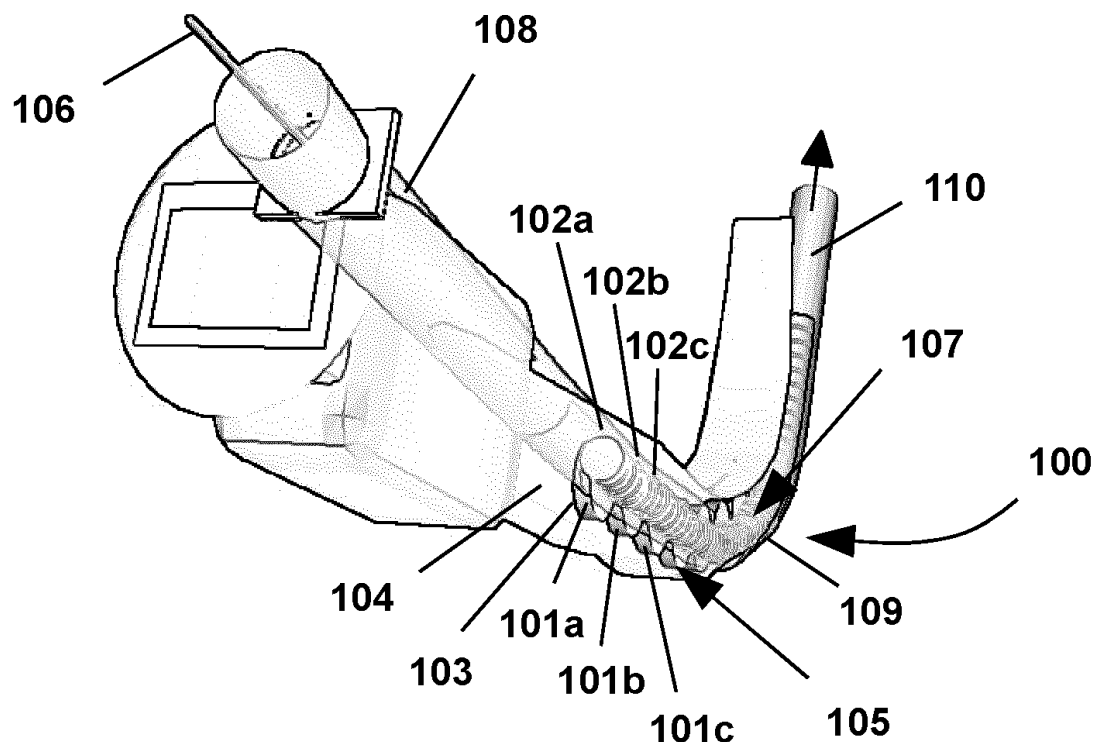
Family 9/20 - FAMPAT - ©Questel

Title

(EP2491853)

Device comprising a set of magnetic elements, particularly suitable as a support to the procedure of patient's tracheal intubation

Images



Publication data including kind & date

EP2491853	A1	2012-08-29	EP2491853
WO2012113628	A1	2012-08-30	WO2012113628
EP2491853	B1	2013-10-09	EP2491853
US20130327324	A1	2013-12-12	US20130327324



Abstract

(EP2491853)

Device comprising a set of magnetic elements (100), particularly suitable as a support to procedure of patient's tracheal intubation, and preferably embedded in a **blade** of a **laryngoscope**, or an Airtraq "± **video-laryngoscope**, or a Glidescope "± **video-laryngoscope**, or a LMA "± **video-laryngoscope**, or other similar instruments, and characterized in that comprising: - a first set of magnetic elements (101a), (101b), ..., etc., that are all connected each other, by a first flexible/articulated supporting structure (103), in order to achieve a so called magnetic platform (105), free to move forward or backward, under control of an operator, along the longitudinal direction of an operative channel (104) belonging to the same device (100); - a second set of magnetic elements (102a), (102b), ..., etc., that are all connected each other, by a second flexible supporting structure (106), in order to achieve a so called magnetic train (107), previously and steadily inserted in an endotracheal tube (108); elements (102a), (102b), ..., etc., of magnetic train (107) have an opposite polarity in respect of elements (101a), (101b), ..., etc., of said magnetic platform (105), so that a magnetic attractive force is generated by interaction all the time, keeping said endotracheal tube (108) strictly in contact with said magnetic platform (105), so that the same endotracheal tube (108) can move, forward or backward, under control of an operator, along the longitudinal profile of said operative channel (104), in order to achieve a guiding and routing system of the endotracheal tube (108), because the tube follows a respective **curved** trajectory and it extends itself with its far end (110) aligned to a direction that follows the tangent to said magnetic platform (105) profile, at the last point of magnetic contact (109).

Inventors

DE DOMENICO ANDREA

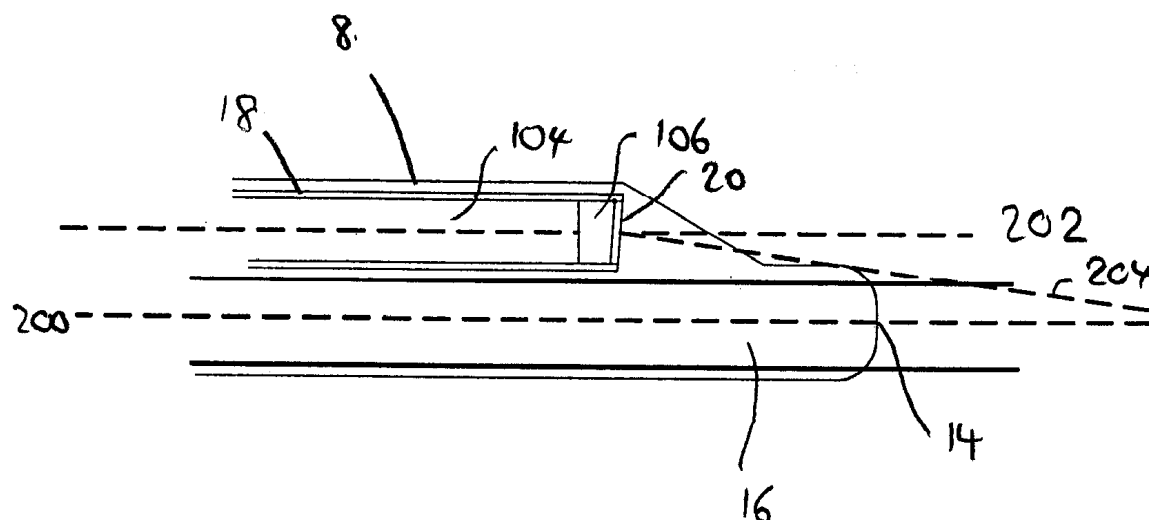
Family 10/20 - FAMPAT - ©Questel

Title

(EP2403394)

Insertion section for **laryngoscope** with lateral tube guide

Images



Publication data including kind & date

GB0903610	D0	2009-04-08	GB200903610				
WO2010100496	A1	2010-09-10	WO2010100496				
AU2010220224	A1	2011-10-27	AU2010220224				
EP2403394	A1	2012-01-11	EP2403394				
US20120095294	A1	2012-04-19	US20120095294				
CN102448363	A	2012-05-09	CN102448363				
JP2012519523	A	2012-08-30	JP2012519523				
JP5697607	B2	2015-04-08	JP5697607				
AU2010220224	B2	2015-07-09	AU2010220224				
CN102448363	B	2016-02-10	CN102448363B				
US20160317011	A1	2016-11-03	US20160317011				

Abstract

(EP2403394)

A **laryngoscope** insertion section for a **laryngoscope**, which is typically a **video laryngoscope**, includes a lateral tube guide configured to retain an endotracheal tube in a plane. A viewing port for a camera or other image collector is laterally displaced from the plane of the endotracheal tube. The said plane of the endotracheal tube is aligned substantially in the same plane as a patient's median plane and the tube can be advanced into the larynx using a natural curving motion similar to the motion used to introduce an endotracheal tube using a conventional **laryngoscope**. In a preferred embodiment, the distal tip of the insertion section and a retained endotracheal tube will be located in the patient's median plane during intubation. As the tube guide retains endotracheal tubes substantially in a plane, lateral curvature is avoided, reducing resistance to advancement of the tube.

Inventors

MCGRATH MATTHEW JOHN ROSS

WALKER MORGAN JAMES

Latest standardized assignees - inventors removed

AIRCRAFT MEDICAL

Family 11/20 - FAMPAT - ©Questel

Title

(WO201674894)

Intubation **laryngoscope**

Images

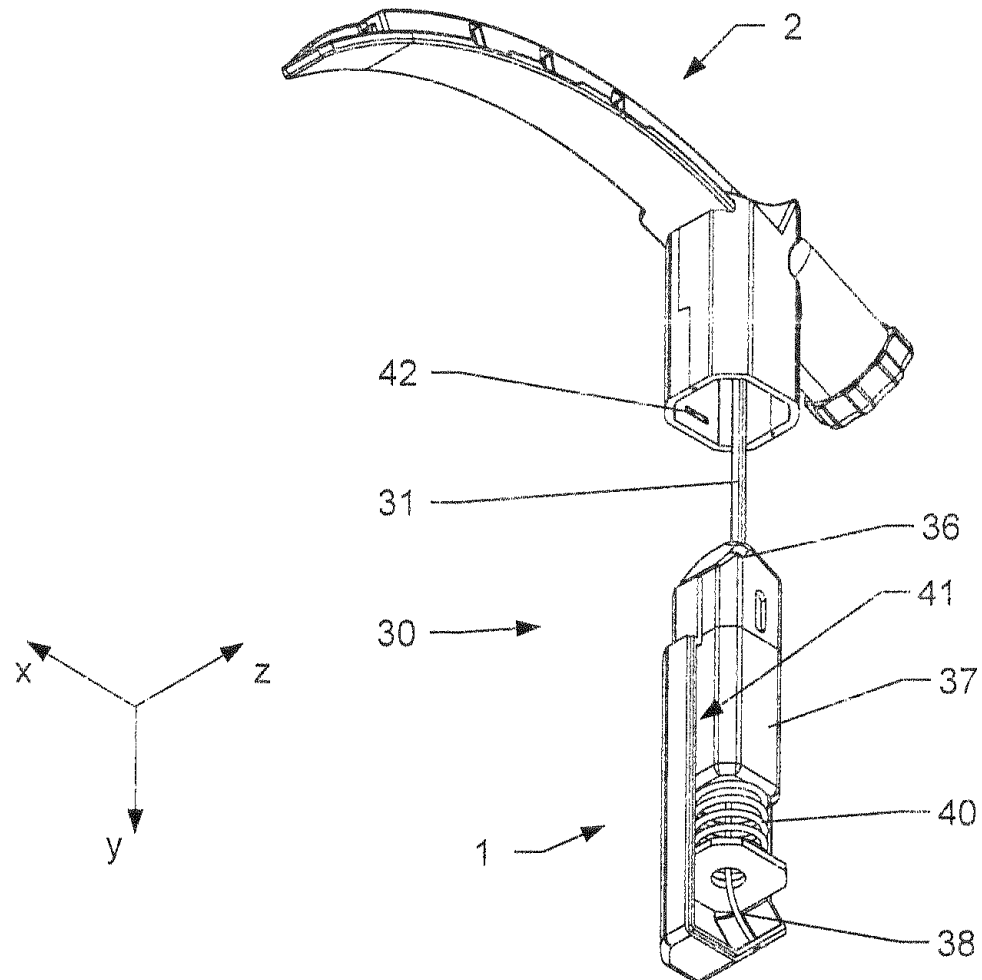


Fig. 11

Publication data including kind & date

WO2016074894 A2 2016-05-19 WO201674894

WO2016074894 A3 2016-07-07 WO201674894



Abstract

(WO201674894)

Disclosed is an intubation **laryngoscope** comprising a **handle** (1), an intubation spatula (2) that has a conduit or a hose (34), and an image capturing device (30); the conduit or hose (34) has an optically transparent window (33) in the region of a distal spatula tip (3); the image capturing device (30) includes a flexible optical waveguide (31) that has a distal lens tip (32); according to the invention, the image capturing device (30) is designed as a reusable unit, the image conductor (31) and lens tip (32) of which can be detachably introduced into the intubation spatula (2), and in order to capture optimal images, the distal lens tip (32) in the mounted state is subjected to a force acting in the direction of the window (33) so that the lens tip (32) is pressed against the optically transparent window (33).

Inventors

WEISS MARKUS

Latest standardized assignees - inventors removed

UNIVERSITÄT ZÜRICH

Family 12/20 - FAMPAT - ©Questel

Title

(US9439560)

Laryngoscope

Images

Inventors

HAKANEN JUKKA ANTTI PETTERI

FURLER ALAN GEORGE

ROSS JEREMY MICHAEL

PIKKARAINEN PETRI TAPIO

LUMME LAURI ARTTURI

HENRIKSSON MIKA KRISTIAN

Latest standardized assignees - inventors removed

CAREFUSION 202

VYAIRE MEDICAL CAPITAL

VITAL SIGNS

VYAIRE MEDICAL CONSUMABLES

Family 13/20 - FAMPAT - ©Questel

Title

(WO201130654)

Laryngoscope**Images**

Inventors

TAKEDA YOSHIMASA

MORITA KIYOSHI

KOBAYASHI TAKEHARU

Latest standardized assignees - inventors removed

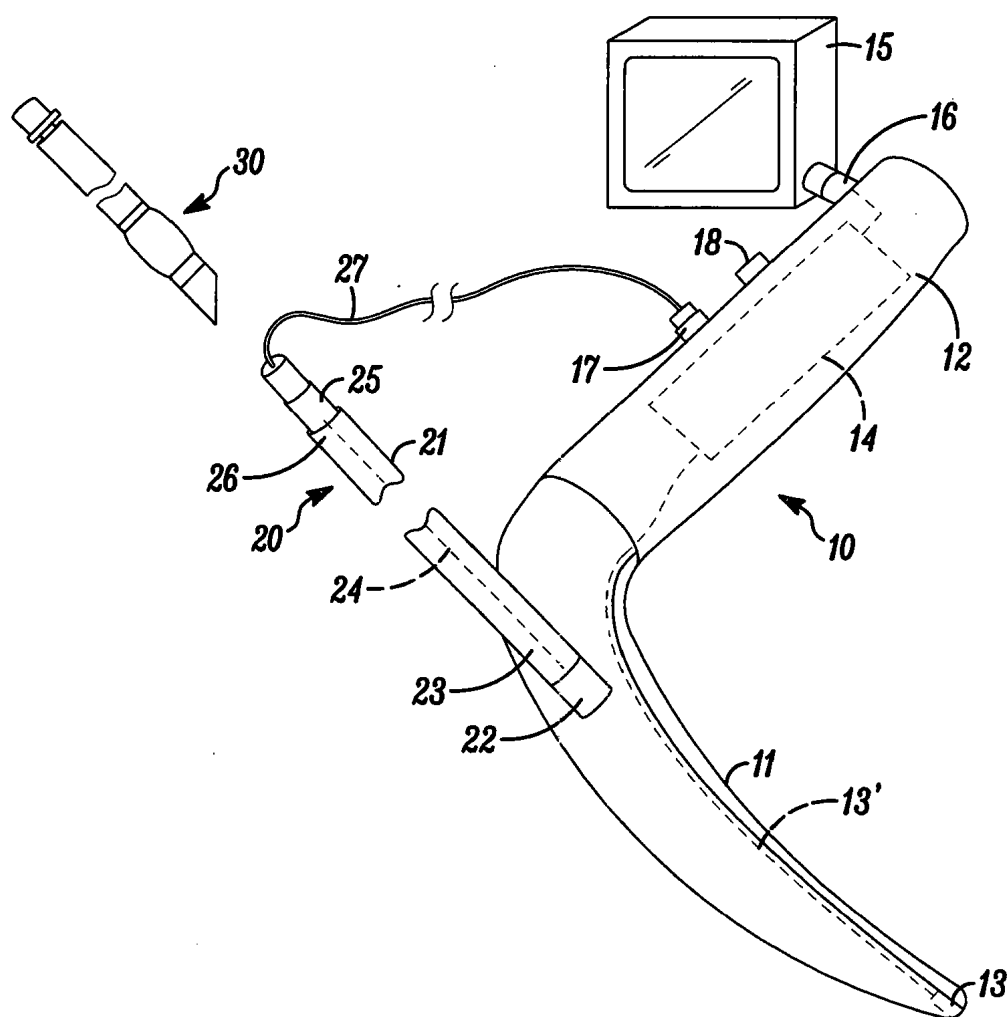
OKAYAMA NATIONAL UNIVERSITY

Family 14/20 - FAMPAT - ©Questel

Title

(EP2994031)

Medico-surgical viewing assemblies, guides and introducers

Images**Publication data including kind & date**

GB201308528	D0	2013-06-19	GB201308528
WO2014184507	A1	2014-11-20	WO2014184507
AU2014267109	A1	2015-10-29	AU2014267109
EP2994031	A1	2016-03-16	EP2994031
US20160081539	A1	2016-03-24	US20160081539
JP2016518933	A	2016-06-30	JP2016518933

**Abstract**

(EP2994031)

A **laryngoscope** (10) includes a **video** camera ((13) at the patient end of its **blade** (11) that supplies **video** signals to a processor (14) in the **handle** (12). The processor (14) supplies signals to a display (15) supported on the **handle** (15). The

laryngoscope also has a connector (17) on its **handle** (12) to which is connected the output of a **video** bougie guide (20) used with the **laryngoscope**. A switch (18) on the **handle** (12) enables the user to select which **video** output is shown on the display (15). Alternatively, images from both the bougie (20) and the **laryngoscope** (10) can be shown at the same time side-by-side on the display (15).

Inventors

PAGAN ERIC

Latest standardized assignees - inventors removed

SMITHS MEDICAL

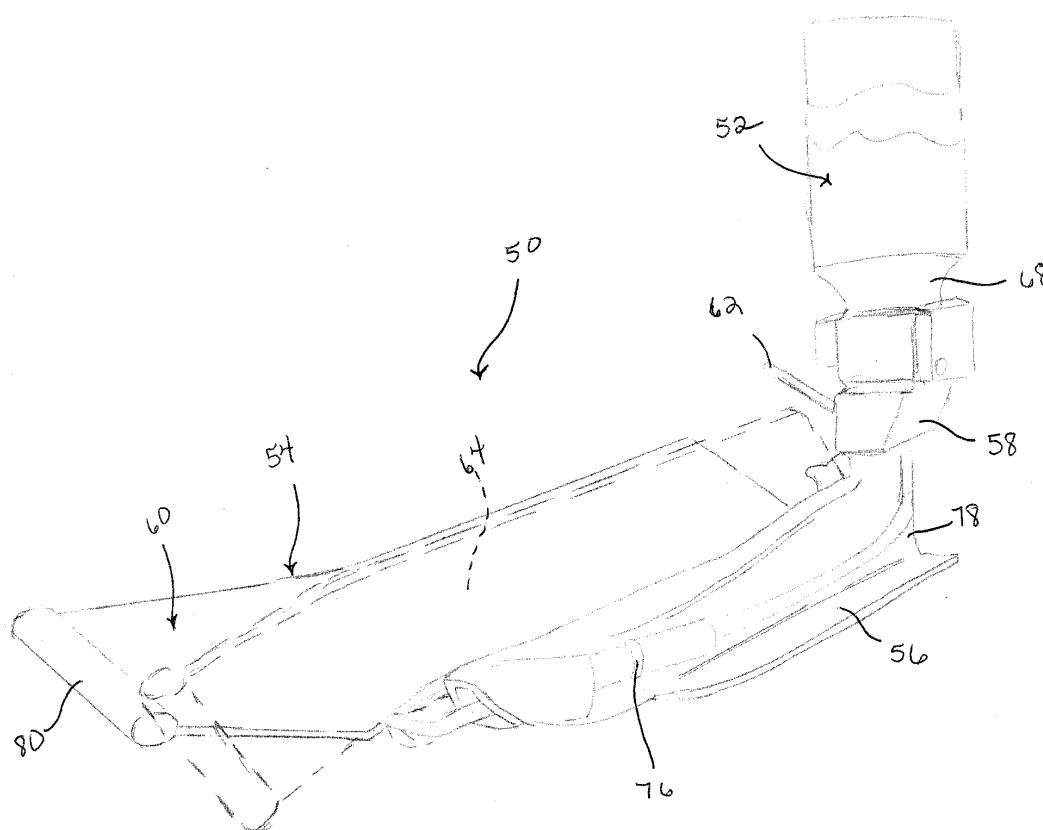
Family 15/20 - FAMPAT - ©Questel

Title

(WO201422550)

Laryngoscope

Images



Publication data including kind & date

WO2014022550	A1	2014-02-06	WO201422550
US20150173599	A1	2015-06-25	US20150173599



Abstract

(WO201422550)

A **laryngoscope** is described for inserting into a mouth of a patient having a tongue, the **laryngoscope** comprising a **handle** and an elongate **blade** detachably fixed to the **handle** in a plane angularly disposed with respect to the longitudinal axis of the **handle**. The **blade** includes a stationary portion and a movable portion having a surface for engaging the tongue of the patient, the movable portion mounted to the stationary portion of the **blade** for rotation about an axis substantially along the longitudinal axis of the **blade**. An operating member is manipulated by user for rotating the movable portion of the **blade**, wherein laryngoscopy of the patient by manipulation of the **handle** includes at least a rotating motion of the movable portion of the **blade**.

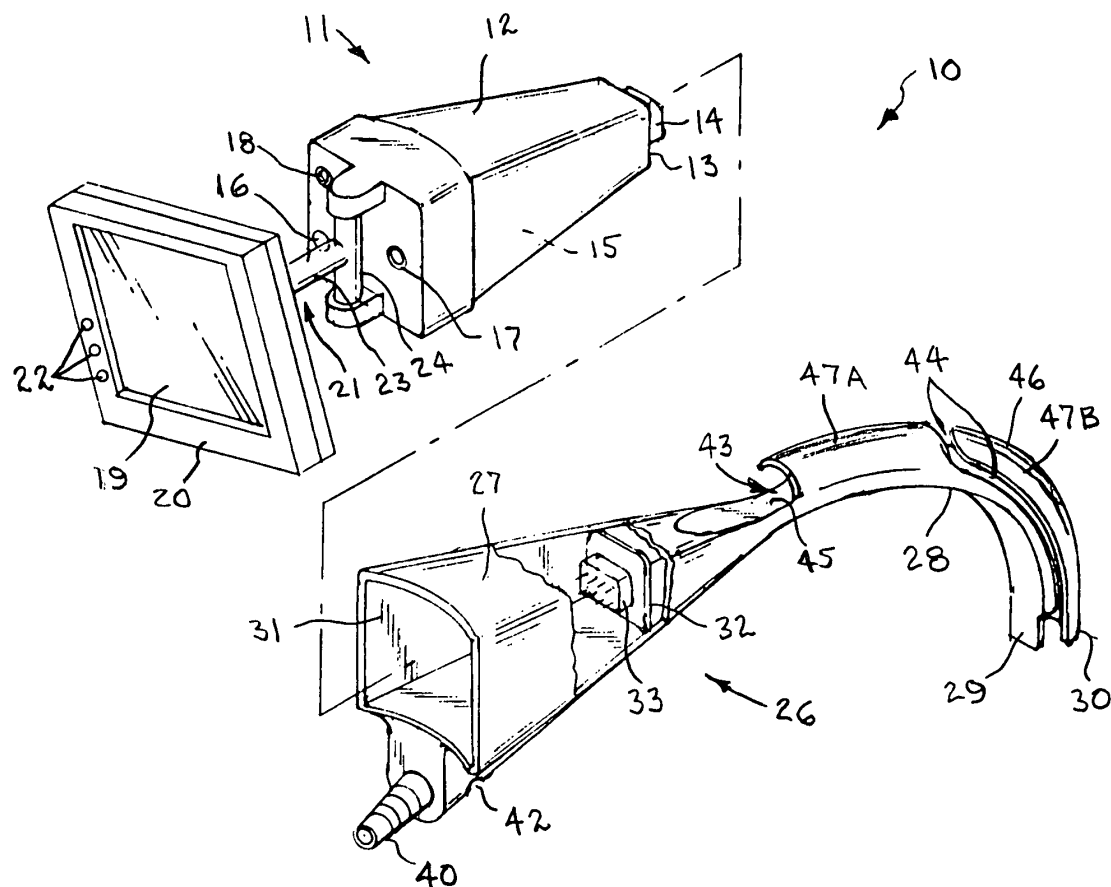
Inventors

NACOUZI VINCENT

Family 16/20 - FAMPAT - ©Questel

Title

(US7946981)

Two-piece **video laryngoscope****Images****Publication data including kind & date**[US20050090712](#)

A1 2005-04-28

US20050090712

[US7946981](#)

B1 2011-05-24

US7946981

**Abstract**

(US7946981)

A two-piece **video laryngoscope** includes a disposable **handle/blade** unit having a handgrip portion with a cavity at the proximal end, a **curved** distal end portion extending from the handgrip portion terminating in a terminal face containing a LED and a lens and digital image sensor connected with a first connector in the cavity, and a tube receptacle channel extending distally along the dorsal surface of and a vacuum/oxygen passageway extending through the **curved** distal end portion; and a power/**video** module releasably engaged in the cavity having a flat panel display pivotally mounted at the proximal end thereof and containing a rechargeable battery and electrical and **video** circuitry connected with a second connector. An endotracheal tube is received and releasably retained in the tube receptacle channel in a preloaded condition. When assembled, the connectors are engaged to complete the electrical and **video** circuits and allow viewing of insertion and intubation.

Inventors

CUBB ANTHONY

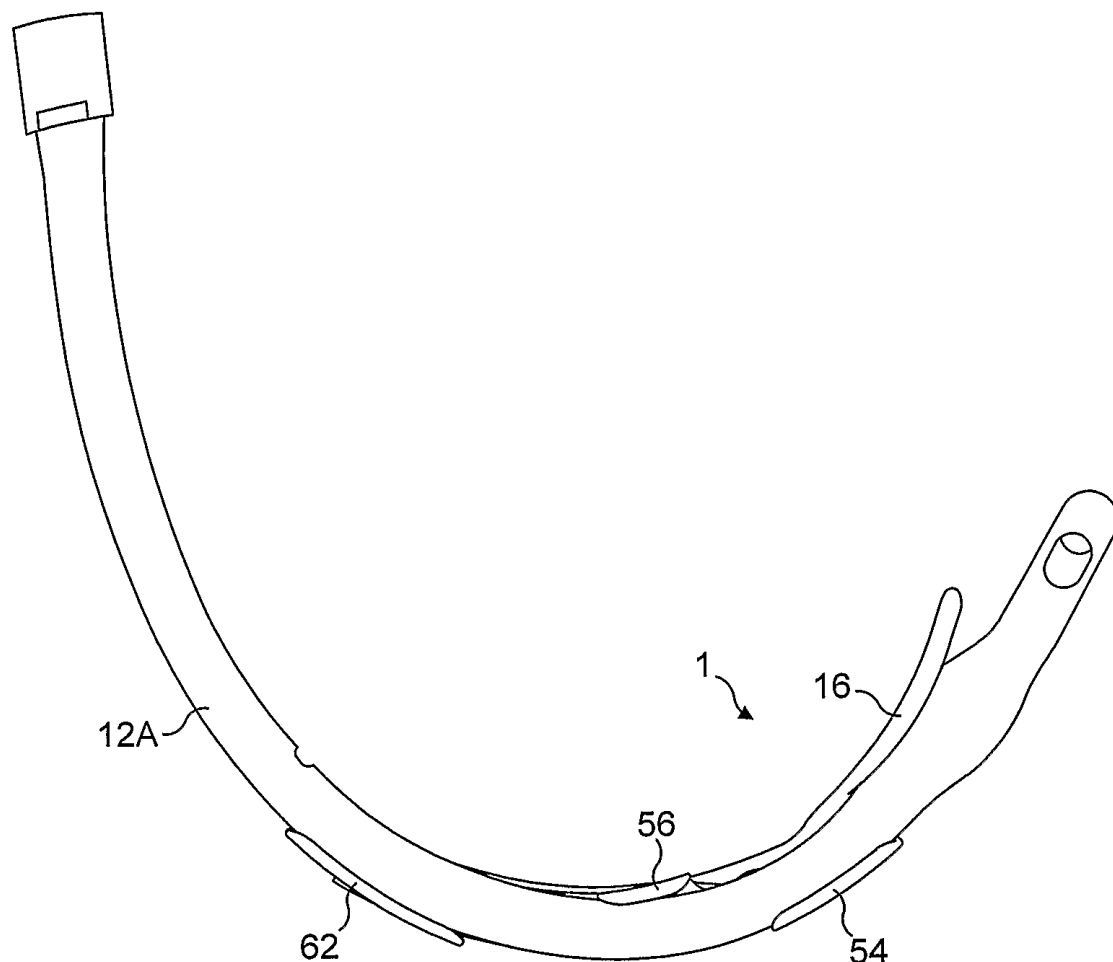
Family 17/20 - FAMPAT - ©Questel

Title

(EP2403395)

Laryngoscope insertion section with tube guide

Images



Publication data including kind & date

GB0903612	D0	2009-04-08	GB200903612				
WO2010100498	A1	2010-09-10	WO2010100498				
AU2010220227	A1	2011-10-27	AU2010220227				
EP2403395	A1	2012-01-11	EP2403395				
US20120059223	A1	2012-03-08	US20120059223				
CN102448361	A	2012-05-09	CN102448361				
JP2012519525	A	2012-08-30	JP2012519525				
JP5628213	B2	2014-11-19	JP5628213				
AU2010220227	B2	2015-11-12	AU2010220227				
CN102448361	B	2015-11-25	CN102448361B				

Abstract

(EP2403395)

A **laryngoscope** insertion section includes an elongate member and a tube guide having a moveable guiding member, located transversely of the elongate member and moveable relative to adjacent elongate member to adjust the path of a retained endotracheal tube, thereby facilitating intubation.

Inventors

MCGRATH MATTHEW JOHN ROSS

WALKER MORGAN JAMES

Latest standardized assignees - inventors removed

AIRCRAFT MEDICAL

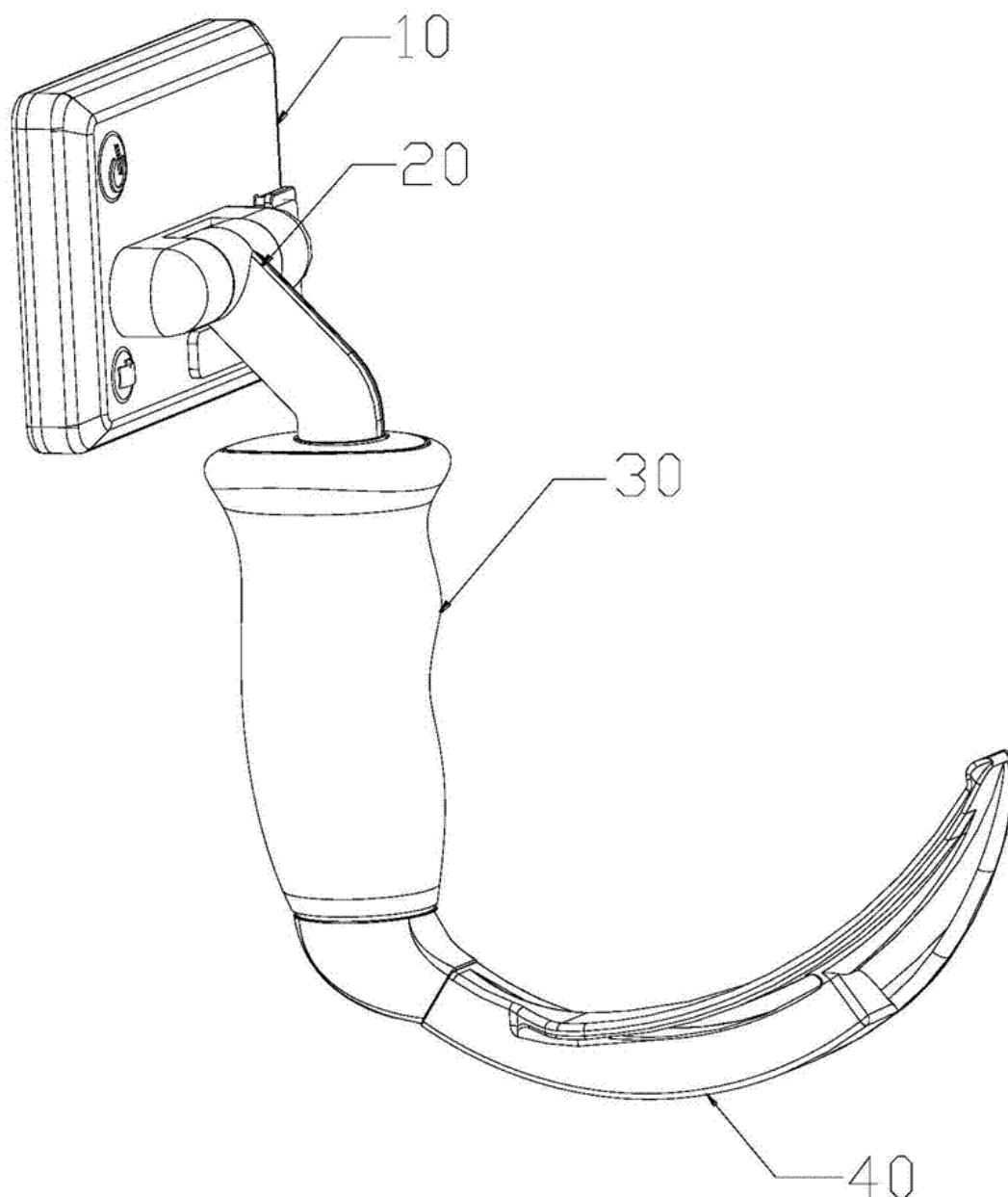
Family 18/20 - FAMPAT - ©Questel

Title

(CN208447553U)

Intelligent **laryngoscope****Images**

100

**Publication data including kind & date**[CN208447553](#)

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2019-02-01

CN208447553U

**Abstract**

(CN208447553U)

The present utility model relates to an intelligent **laryngoscope**, comprising a display control unit, the turning, the **handle** housing and a **laryngoscope blade** assembly; display control assembly includes a display and a controller, **laryngoscope blade** assembly includes a transparent lens cover, extends the elbow and the camera; controller is fixed to the front of the

display, the controller and the back of the turning is fixedly attached, the turning of the **handle** housing rotationally secured to, attached to the **handle** housing and an extended elbow, the elbow is fixed to the camera and light source extending, transparent lens protection cover is sleeved fixedly in the extended elbow, a control button on the controller, the radio transceiver module, a wired interface and the ECU module, display module and the ECU, the **video** camera and light source are electrically connected. The present utility model for the human body through throat of a picture image data through a wired or wireless network for data recorded and stored, enabling remote diagnosis and remote teaching instructions; pairs are fixed to the front of the display controller is rotated to a proper angle back and forth direction either right or left.

Inventors

HUANG HAIBIN

WANG ZHANGPING

Latest standardized assignees - inventors removed

SHENZHEN ZHILI EQUIPMENT TECHNOLOGY

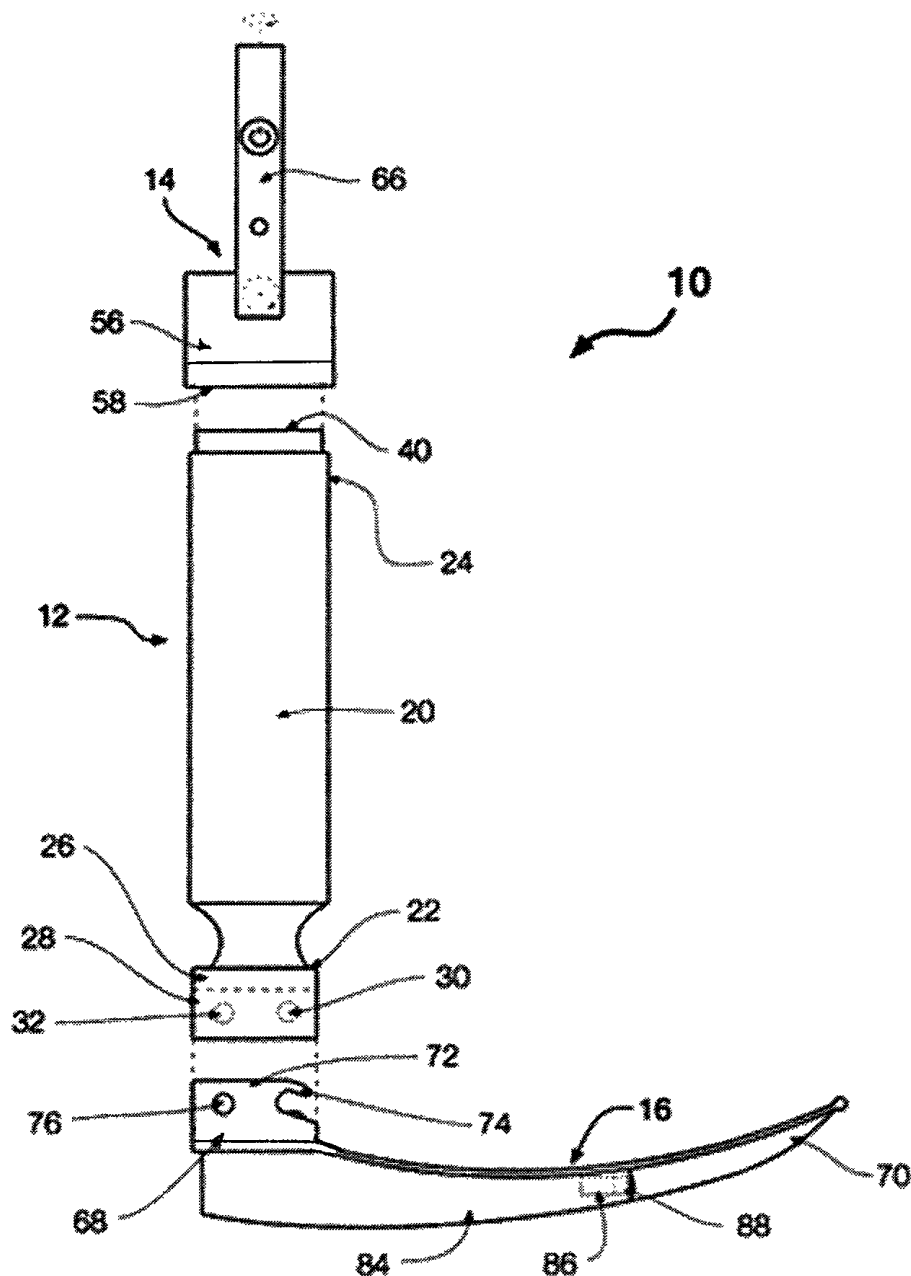
Family 19/20 - FAMPAT - ©Questel

Title

(US9173545)

Laryngoscopic device

Images



Publication data including kind & date

CA2783354	A1	2013-01-11	CA2783354
US20130018227	A1	2013-01-17	US20130018227
US9173545	B2	2015-11-03	US9173545
CA2783354	C	2017-11-21	CA2783354



Abstract

(US9173545)

A laryngoscopic device includes a **laryngoscope video blade** and a **handle** module arranged to support the **video blade** or auxiliary direct laryngoscopy **blades** interchangeably thereon. The **video blade** includes a camera and contacts for receiving electrical power from the **handle** module while outputting **video** to the **handle** module from the camera. The **handle** module can also provide electrical power to a light source on the **video blade** or include its own light source to be conveyed to a light guide of a **blade** coupled to the **handle** module. The laryngoscopic device also includes a display monitor which can be removably coupled to an output of the **handle** module to display **video** generated by the **video blade** camera. The **handle**

module can be used alone with non-video blades or readily converted to a video laryngoscopic device by replacing the non-video blade with a video blade and connecting the display monitor.

Inventors

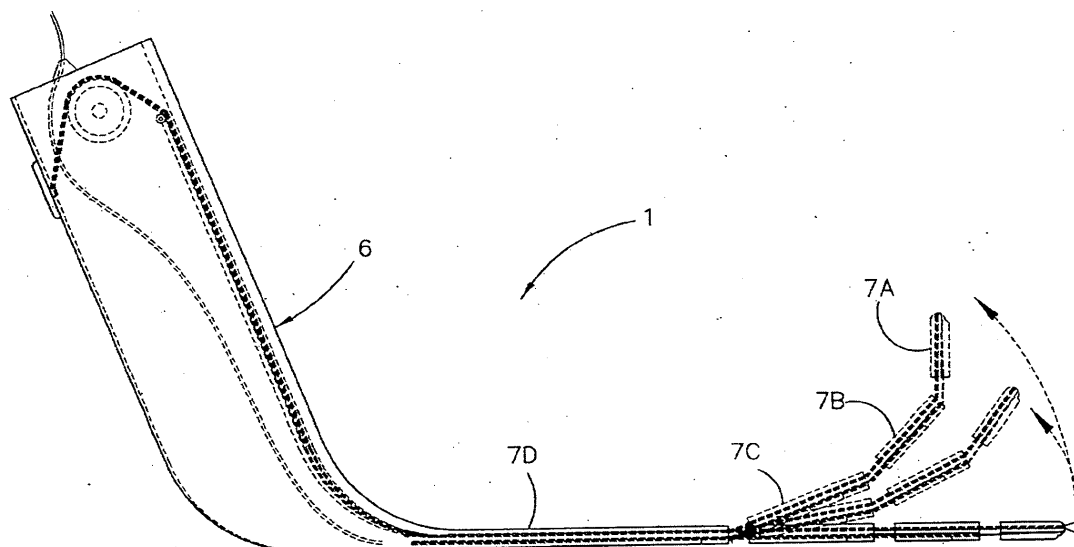
SCHOONBAERT IAN

Family 20/20 - FAMPAT - ©Questel

Title

(EP2600760)

Improvements in laryngoscopy

Images**Publication data including kind & date**

WO2011150469	A1	2011-12-08	WO2011150469
AU2011261176	A1	2013-01-24	AU2011261176
EP2600760	A1	2013-06-12	EP2600760
US20130310650	A1	2013-11-21	US20130310650
EP2600760	A4	2014-08-20	EP2600760

**Abstract**

(EP2600760)

There is disclosed a laryngoscope comprising a blade having an adjustable curvature and means for adjusting the curvature which is operable during insertion of the blade into the airway of a patient such that the blade lifts the tongue and anterior structures to facilitate the insertion. There is also disclosed a laryngoscope fitting which defines a guide along which an endotracheal tube may be fed to intubate a patient following insertion of the laryngoscope into the patient's airway, the fitting being releasable from the blade to permit withdrawal of the blade from the fitting and thus from the airway.

Inventors

HALES PAUL CHRISTOPHER