

Diego Gonzalez

1) Family number: 49705335 (US2011245609A)

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Title: VIDEO ADAPTER FOR LARYNGOSCOPE

Abstract: 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.

Classifications:

International (IPC 8-9): A61B1/00 A61B1/04 (Advanced/Invention)

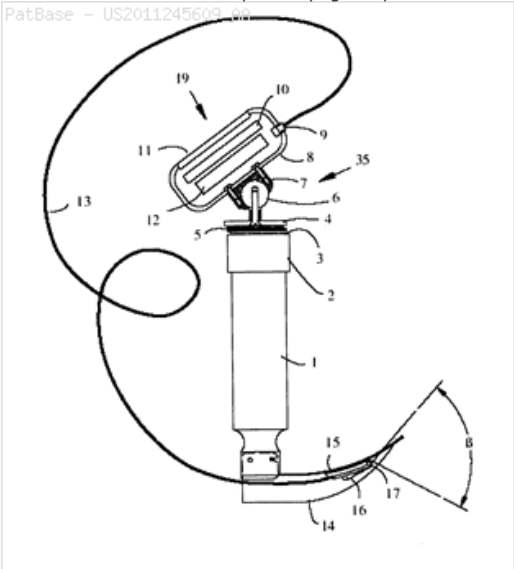
CPC: A61B1/00052 A61B1/00105 A61B1/05 A61B1/0676

A61B1/0684 A61B1/267

European: A61B1/00C7B8 A61B1/00E6 A61B1/05 A61B1/06R4

A61B1/06R6 A61B1/267

US: 600/109 600/109P



Family:

Publication number	Publication date	Application number	Application date
IN00879DE2011 A	20160831	IN2011DE00879	20110330
US2011245609 AA	20111006	US20110049030	20110316

Priority:

US20100318819P 20100330 US20110049030 20110316

Probable Assignee: LASER VADIM

Assignee(s): (std): LASER VADIM

Assignee(s): VADIM LASER

Inventor(s): (std): LASER VADIM

Inventor(s): VADIM LASER

2) Family number: 68082342 (WO18002858A1)

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Title: LARYNGOSCOPE

Abstract: The present invention corresponds to a device for performing intubation procedures. The device comprises a grip handle, a channel and a blade. The shape of the grip handle is defined by the sweeping motion of a rectangular cross-section in a specific trajectory. The trajectory is defined by a first straight segment with a length of 10 cm, a second straight segment with a length of 4.2 cm, a third curved segment with an arc length of 2.7 cm and a radius of 2.8 cm, and a fourth straight segment with a length of 3.1 cm. The second segment is connected to the first segment at an angle measuring 172 degrees. The third segment is connected to the second segment. And the fourth segment is connected to the third segment such that the angle between the second segment and the fourth segment is 135 degrees. The fourth segment comprises a bottom edge and a top edge. The channel runs along the trajectory of the grip handle, in one of the walls of the grip handle such that the channel is open. The blade attached to the bottom edge of the fourth segment. The blade is positioned at an angle a between 5 degrees and 34 degrees in relation to the bottom edge.

Classifications:

International (IPC 8-9): A61B1/267 A61M16/04 (Advanced/Invention)

CPC: A61B1/267 A61M16/04 A61M16/0488

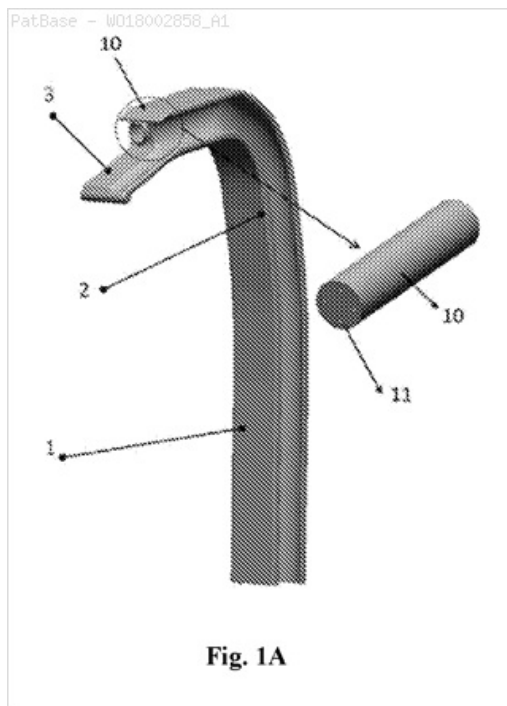


Fig. 1A

Family:

Publication number	Publication date	Application number	Application date
CO16173659 A1	20180131	CO20160173659	20160629
CO20160173659 A1	20180131	CO20160173659	20160629
WO18002858 A1	20180104	WO20171B53894	20170629

Priority:

CO20160173659 20160629

Probable Assignee: UNIV CES

Assignee(s): (std): HOSPITAL PABLO TOBON URIBE ; UNIV CES ; UNIV EAFIT

Assignee(s): UNIVERSIDAD CES ; UNIVERSIDAD EAFIT

Inventor(s): (std): ARANGO ARAMBULO JOSE FERNANDO ; ARANGO ARAMBULO JOSE FERNANDO ; CARMONA ZAPATA DAVID ; DIAZ LEON CHRISTIAN ANDRES ; ISAZA SALDARRIAGA JUAN FELIPE ; SIERRA MONTOYA TATIANA ; TREFFTZ GOMEZ HELMUT

Inventor(s): TATIANA SIERRA MONTOYA ; JOSE FERNANDO ARANGO ARAMBULO ; JUAN FELIPE ISAZA SALDARRIAGA ; HELMUT TREFFTZ GOMEZ ; CHRISTIAN ANDRES DIAZ LEON ; DAVID CARMONA ZAPATA

Agent(s): CARLOS REINALDO OLARTE GARCIA; OLARTE CARLOS R

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

3) Family number: 31868719 (US2005090712A)

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Title: RES-Q-SCOPE

Abstract: A multiple function laryngoscope to be used for the safe intubation of a patient's trachea during a respiratory emergency or as an elective procedure. A two section instrument. Proximally, a reusable handle that houses a rechargeable battery, electronic circuits that feed a distal digital image to variable position LCD screen or viewing port, switches and low battery indicator light. Distally, the handle electrically couples with a disposable curved scabbard. The scabbard features a dorsal endotracheal tube channel with a wavy opening which allows preloading and gentle extraction of different size endotracheal tubes once the patient's trachea has been intubated. The scabbard's distal end strategically houses a distal sweeper that engages the epiglottis and exposes the glottis, an opening for the exit of a preloaded endotracheal tube, a LED light, a suction/oxygenation port, and a lens coupled with a digital imaging system (CMOS) to digitize and transport a distant wide field of view. Safe LCD view of one or serial rapid intubations are possible by rapidly replacing for a clean disposable scabbard in case of multiple emergencies.

Classifications:

International (IPC 8-9): A61B1/07 A61B1/12 A61B1/267

A61M16/04 (Advanced/Invention);

A61B1/06 A61B1/12 A61B1/267 A61M16/04 (Core/Invention)

International (IPC 1-7): A61B1/00

CPC: A61B1/00195 A61B1/00073 A61M16/0825 A61M16/0495

A61M16/0488 A61B1/00052 A61B1/00094 A61B1/00103

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A61B1/267

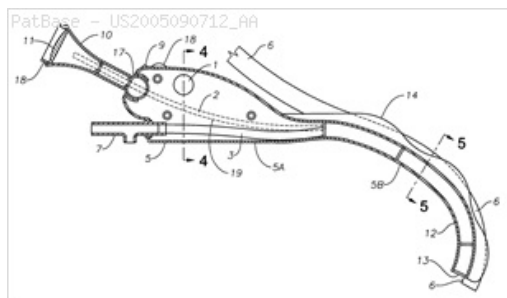
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A61B1/06R4 A61B1/06R6 A61B1/267 A61M16/04M K61B1/015

K61B1/05

US: 600/120 600/120P 600/153 600/153S 600/187 600/188 600/194

600/197 600/199



Family:

Publication number	Publication date	Application number	Application date
■ US2005090712 AA	20050428	US20030693206	20031023
■ US7946981 BA	20110524	US20070879343	20070715

Priority:

US20030693206 20031023 US20070879343 20070715

Probable Assignee: CUBB ANTHONY

Assignee(s): (std): CUBB ANTHONY

Inventor(s): (std): CUBB ANTHONY

Agent(s): ANTHONY CUBB MD; KENNETH A