ANNEX 1 – PROPOSED UNCONDITIONAL AMENDMENTS

ANNOTATED AMENDED CLAIMS:

Claims 1 – 8 as granted

Deleted.

Claim 9 as granted

A medical device (100) for causing the hemostasis of a blood vessel for use through an endoscope, said medical device comprising:

a clip (101), the clip (101) having at least two clip legs (102, 103);

a control wire (108) able to be coupled to the clip (101), the control wire (108) being reversibly operable both to open the at least two clip legs (102, 103) and to close the at least two clip legs (102, 103), the control wire being uncouplable from the clip;

an axially rigid sheath (111) enclosing the control wire (108), the sheath (111) being able to communicate a first force opposing a second force of the control wire (108);

a lock sleeve (113), wherein the control wire (108) is able to be pulled in a proximal direction to pull the clip (101) through the lock sleeve (113), thereby closing the at least two clip legs (102, 103);

a retainer (110), the retainer being releasably coupled to the lock sleeve (113);

a handle coupled to the axially rigid sheath (111);

and an actuator coupled to the control wire (108), the control wire (108) engageable by the actuator to open the at least two clip legs (102, 103), ~~and~~ to close the at least two clip legs (102, 103), and to uncouple the control wire (108) from the clip (101);

~~characterised in that~~ wherein the device further comprises a retainer release arrangement (109), the retainer release arrangement (109) able to engage the retainer (110) to uncouple the retainer (110) from the lock sleeve (113).

Claim 10 as granted

The medical device of claim ~~9~~ 1, wherein

the control wire (108) is coupled to the clip (101) by a j-hook (107);

the j-hook (107) is able to be straightened by a first predetermined tensile force, and when the j-hook (107) is straightened, the control wire (108) uncouples from the clip.

Claim 11 as granted

The medical device of claim ~~10~~ 2, wherein the j-hook (107) is formed at a distal end of the control wire (108) as a one-piece design ~~and/or wherein the distal end of the control wire (108) is formed into the j-hook (107)~~.

Claim 12 as granted

The medical device according to any of claims ~~9~~ 1 to ~~11~~ 3, wherein a proximal end of the control wire (108) is terminated inside the handle.

Claim 13 as granted

The medical device according to any of claims ~~9~~ 1 to ~~12~~ 4, wherein the retainer (109) is coupled to the control wire (108).

Claim 14 as granted

Deleted.

CLEAN AMENDED CLAIMS:

Claim 1 as amended

A medical device (100) for causing the hemostasis of a blood vessel for use through an endoscope, said medical device comprising:

a clip (101), the clip (101) having at least two clip legs (102, 103);

a control wire (108) able to be coupled to the clip (101), the control wire (108) being reversibly operable both to open the at least two clip legs (102, 103) and to close the at least two clip legs (102, 103), the control wire being uncouplable from the clip;

an axially rigid sheath (111) enclosing the control wire (108), the sheath (111) being able to communicate a first force opposing a second force of the control wire (108);

a lock sleeve (113), wherein the control wire (108) is able to be pulled in a proximal direction to pull the clip (101) through the lock sleeve (113), thereby closing the at least two clip legs (102, 103);

a retainer (110), the retainer being releasably coupled to the lock sleeve (113);

a handle coupled to the axially rigid sheath (111);

and an actuator coupled to the control wire (108), the control wire (108) engageable by the actuator to open the at least two clip legs (102, 103), to close the at least two clip legs (102, 103), and to uncouple the control wire (108) from the clip (101);

wherein the device further comprises a retainer release arrangement (109), the retainer release arrangement (109) able to engage the retainer (110) to uncouple the retainer (110) from the lock sleeve (113).

Claim 2 as amended

The medical device of claim 1, wherein

the control wire (108) is coupled to the clip (101) by a j-hook (107);

the j-hook (107) is able to be straightened by a first predetermined tensile force, and when the j-hook (107) is straightened, the control wire (108) uncouples from the clip.

Claim 3 as amended

The medical device of claim 2, wherein the j-hook (107) is formed at a distal end of the control wire (108) as a one-piece design.

Claim 4 as amended

The medical device according to any of claims 1 to 3, wherein a proximal end of the control wire (108) is terminated inside the handle.

Claim 5 as amended

The medical device according to any of claims 1 to 4, wherein the retainer (109) is coupled to the control wire (108).

ANNEX 2

The following amendments are proposed in relation to the description:

[0012] US 3 958 576 A ~~(the preamble of claim 1 is based on this document)~~ discloses a clip member that is detachably attached to an instrument body. The instrument body has an outer flexible tube, an actuating tubular member inserted into the outer tube, and a wire inserted into the actuating tubular member. A holder is detachably mounted through a guide member to the forward end portion of the actuating member. To the forward end of the wire is secured a hook member for anchoring the clip member. A pair of clamping portions of the clip member is opened by forcefully engaging a pair of offset portions of the clip member with the inner surface of the holder, and closed by forcefully engaging a pair of intersecting portions with the inner surface of the holder. The clip member, together with the holder, is left within the body cavity with the clamping portions thereof closed.

[0015] The device of the present invention is defined in independent claim~~s~~ 1 ~~and 9~~. Preferred embodiments are defined in the dependent claims.

[0020] Fig. 1-7 ~~and 21~~ disclose an embodiment~~s~~ of the invention.

~~Figure 21 is an enlarged partial view of the distal end of another embodiment of the medical device of the present invention.~~

[0051] Deleted.

Fig. 21 Deleted.

ANNEX 3 – PROPOSED CONDITIONAL AMENDMENT OF UNCONDITIONALLY AMENDED CLAIM 1

Claim 1

A medical device (100) for causing the hemostasis of a blood vessel for use through an endoscope, said medical device comprising:

a clip (101), the clip (101) having at least two clip legs (102, 103);

a control wire (108) able to be coupled to the clip (101), the control wire (108) being reversibly operable both to open the at least two clip legs (102, 103) and to close the at least two clip legs (102, 103), the control wire being uncouplable from the clip;

an axially rigid sheath (111) enclosing the control wire (108), the sheath (111) being able to communicate a first force opposing a second force of the control wire (108);

a lock sleeve (113), wherein the control wire (108) is able to be pulled in a proximal direction to pull the clip (101) through the lock sleeve (113), thereby closing the at least two clip legs (102, 103);

a retainer (110), the retainer being releasably coupled to the lock sleeve (113);

a handle coupled to the axially rigid sheath (111);

and an actuator coupled to the control wire (108), the control wire (108) engageable by the actuator to open the at least two clip legs (102, 103), to close the at least two clip legs (102, 103), and to uncouple the control wire (108) from the clip (101);

wherein the device further comprises a retainer release arrangement (109), the retainer release arrangement (109) able to engage the retainer (110) to uncouple the retainer (110) from the lock sleeve (113);

and wherein the clip (101) can be actuated between the open and closed positions multiple times.