

Title (en)
KNOT TYING METHOD AND APPARATUS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM KNOTENBINDEN

Title (fr)
APPAREIL ET PROCEDE DE NOUAGE DE N UD

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Application
EP 95907482 A 19950118

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• US 9614886 W 19960917

Abstract (en)
[origin: WO9519139A1] This invention is a method and apparatus for placing and tying a knot such as laparoscopy knot. A knot pusher assembly (20) including an outer tube (22) and an inner tube (50) are positioned, and a plunger assembly (80) is plunged through the knot pusher assembly. The plunger assembly includes a knot carrier (120) having an at least partially formed knot (142) with a free end. The free end is placed around the object to be tied and grasped with a clamp. The knot is released from the knot carrier and the free end is pulled back through the partial knot to complete and tighten the knot. The knot is tightened and placed using the knot pusher assembly, and the free end is cut by placing it into aligned slots (34, 70) on the outer tube and inner tube, and rotating the inner tube in relation to the outer tube to unalign the slots.

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