Title: INSTRUMENT FOR EFFECTING ANASTOMOSIS OF RESPECTIVE TISSUES DEFINING TWO BODY LUMENS

Abstract: The instrument (10) disclosed comprises a tube assembly (500) supporting an end effector that may be adapted for insertion into and through the urethra into the bladder lumen or into the bladder lumen through incisions in the abdomen and bladder wall and adapted for use in effecting the anastomosis of a patient’s bladder and urethra following a prostatectomy. The instrument (10) may include an end effector having a positioning (400), an anchor driver (300) and anchor system (700) comprising a shaft (720) with a lodging structure (730), and/or a combined balloon harness (94) and catheter (96). The instrument (10) urges the bladder wall to the pelvic floor and drives an anchor (700) through the bladder wall into the pelvic floor, thereby connecting a balloon harness (94) within the bladder to the pelvic floor that presses the bladder wall against the pelvic floor; maintaining the balloon catheter (96) in place and draining the bladder during the time required for the tissues to effectively knit; and then deflecting and withdrawing the balloon catheter (96) and disconnecting and withdrawing the balloon harness (94).
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : A61B 17/08
   US CL : 606/153
   According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
   U.S. : 606/75, 142, 151, 153, 219; 600/29-31; 600/104; 623/23.64-23.66; 128/898
   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
   Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT
   Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No.
   X          | US 6,508,822 A (Peterson et al.) 21 January 2003 (21.01.2003), See figures 8-13. | 16,21,22,24-26 
   X          | US 4,884,572 A (Bays et al.) 05 December 1989 (05.12.1989), See figures 2-8 and col. 5, line 50 to col. 6, line 18. | 63-74          
   Y          |                                                      | 77-82          
   Y          | US 6,190,401 B1 (Green et al.) 20 February 2001(20.02.2001), See figures 10 and 17 and col. 8, lines 42-64. | 70,75-82       

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: anastomosis, bladder, anchor, barb, bioabsorbable, pelvic, urethra, tube