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(71) Applicant and

(72) Inventor: SHIFRIN, Edward, G. [IL/IL]; 64 Ha'Shahar St., 43565, Raanana, Israel (IL).

(72) Inventors: UMANSKY, Mark, A.; 20, Mordehy Anilevitch St., Apt. 8, 35025 Haifa, Israel (IL). SHVARTS-MAN, Mark, D.; 3 Harav Mashash St., Apt.1, 32167, Haifa, Israel (IL). **NICKELSHPUR, Gennady, S.**; 9-D Habastiliya St., Apt.9, 35597, Haifa, Israel (IL). **MOORE, Wesley, S.**; 11467 W. Sunset Blvd., Los Angeles, CA 90049 (US).

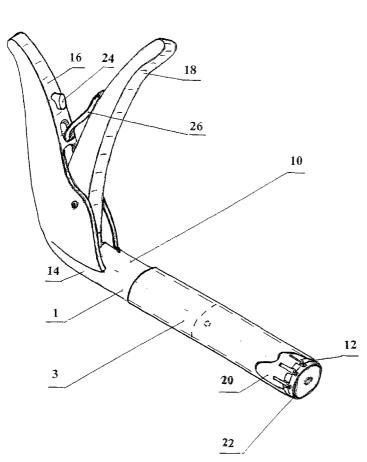
- (74) Common Representative: SHIFRIN, Edward, G.; 64 Ha'Shahar St., 43565, Raanana (IL).
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR OPEN AORTIC REPAIR BY INTRAVASCULAR DEVICES



(57) Abstract: The present invention relates to methods and apparatus for locating and securing intravascular devices, substantially grafts and stent-grafts (3), through a duct specially created by surgical means for access to the lumen of a blood vessel. There is a method for securing an intravascular device to the wall of a blood vessel in combination with a new and improved stapler (2). The stapler (2) comprises a hollow body (10), at the proximal end thereof there are mounted to a die (20) and die lid (22), and at the distal end, a holding handle (16) and a control lever (18) pivotally connected with this holding handle (16) and operatively connected, via a movable pressure member (34) with a tip located inside the body (10) and the die (20). The movement of the control lever (18) is converted into radial forces necessary for punching the wall of the intravascular device and surrounding blood vessel wall and fixing a fastener means (42).

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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 a	<u> </u>	Relevant to claim No.	
A	US 4,872,874 A (TAHERI) 10 October 1989 (19.0	6.1978), See entire document.	1-31	
Α	US 5,720,755 A (DAKOV) 24 February 1998 (24.02.1998), See entire document.		1-31	
A	US 6,416,522 B1 (STRECKER) 09 July 2002 (09.07.2002), See entire document.		1-31	
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Further	r documents are listed in the continuation of Box C.	See patent family annex.		
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EAST BRS search terms: staple, stent, radial, anastomosis, bushing, pusher, sleeve, tubular, dilator				

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