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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR IMPLANTATION OF A BIFURCATED ENDOVASCULAR PROSTHESIS

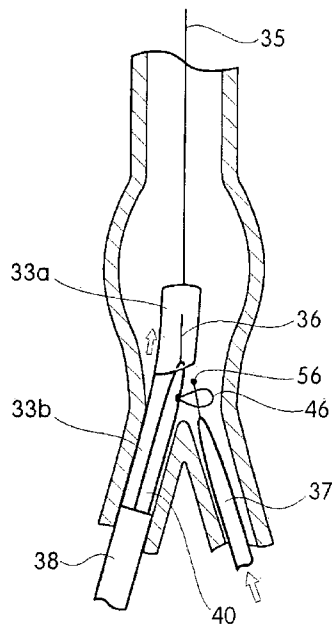


Fig. 4

(57) Abstract: A bifurcated stent graft for animal or human implantation and method of formation for easy delivery thereof. The stent graft employs a first component having an axial passage communicating with the axial cavities of a first leg and a second leg. A separate leg extension is engaged to the second leg to form the stent graft. A pre-positioned first guide is positioned within the second leg which upon expansion of the first component from a collapsed state, provides a guide for a capturing component to translate directly into the second leg. The capturing component is adapted to capture a supplemental guide for the second leg, whereafter the capturing component may be positioned within the second leg to guide the second leg to engagement by translation of the capture component along the path provided by the first guide.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
A61F 2/04, 2/06, 2/82 (2009.01)
623/1.1, 1.11, 1.13, 1.15, 1.16, 1.35

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWest, Google
Search Terms Used: Bifurcated, stent, guide, catheter, guide wire, snare, retractable, lumen, sheath, release, restraint, compressed,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0243221 A1 (Fawzi et al.) 2 December 2004 (2.12.2004), abstract, para [0013], [0039] - [0041], [0046], [0063] .Fig. 1	1-33
Y	US 2006/0009833 A1 (Chobotov et al.) 12 January 2006 (12.01.2006), para [0246]-[0247],[0253]-[0255]. Fig .58.)	1-14, 19-33
Y	US 6,099,497 A (Adams et al.) 8 August 2000 (8.08.2000), Col 5, ln 46-59 ; Col 8, ln 16-60. Fig 12C	6-12, 14-33
Y	US 6,261,316 B1 (Shaolian et al.) 17 July 2001 (17.07.2001), Col 4, ln 62-67; Col 5, ln 1-5	10-14

Further documents are listed in the continuation of Box C.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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