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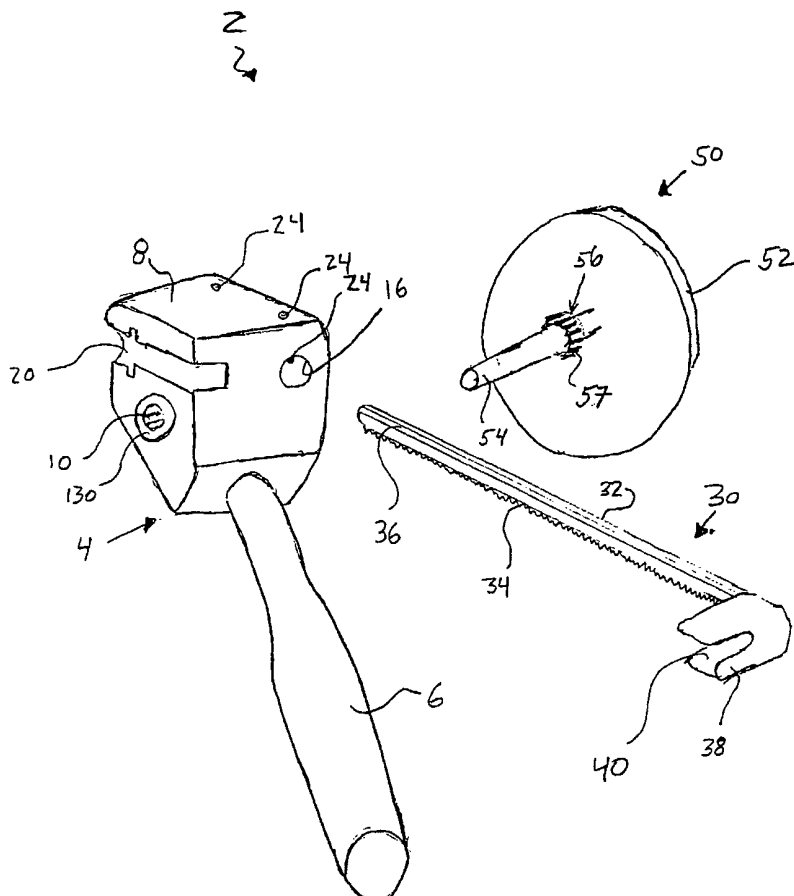
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(54) Title: STENT DELIVERY DEVICE



(57) Abstract: A unidirectional handle device for an endoluminal device includes an outer tubular member and an elongate inner member slidably received in the outer tubular member. The unidirectional handle includes a handle member, a needle bearing clutch disposed in the handle member, a control member guide, and shaft rotatable in a single direction disposed within the handle member. The shaft is rotatable in a single direction by its engagement with the needle bearing clutch. The shaft is in rotational engagement with the outer tubular member of the endoluminal device. The outer tubular member is slidable from a distal position to a proximal position when the shaft is rotated in the single direction. The unidirectional handle device provides substantially no backlash of the outer tubular member. In addition, the unidirectional handle device advantageously produces a tension-retaining effect during use.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61F2/06

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)

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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 practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 990 426 A (MEDTRONIC AVE, INC.) 5 April 2000 (2000-04-05) column 10, line 43 -column 11, line 53; figures 18,19	1,8,16, 21
A	US 5 868 755 A (KANNER ET AL) 9 February 1999 (1999-02-09) the whole document	1,8,16, 21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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* & * document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 990426	A	05-04-2000	US 6203550 B1	20-03-2001
			EP 0990426 A1	05-04-2000
US 5868755	A	09-02-1999	NONE	