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(54) **Laparoscopic instrument sleeve**

(57) Surgical techniques and instruments are provided for performing laparoscopic surgical procedures. The apparatus (45) includes a sleeve (100) having a proximal end (104), a distal end (102), and a lumen (106) extending between the proximal and distal ends. The lumen (106) opens at the proximal end (104) and receives an elongated member, such as a cannula or surgical instrument, therethrough. The sleeve (100) is

resilient material and conformable to the outer shape of at least a distal portion of the elongate member. In one form the distal end wall includes means for opening the end wall to allow the elongate member to advance there-through. The sleeve (100) may also be provided with internal ribs (110) and a flange member. Various techniques using various surgical instruments in laparoscopic procedures are also disclosed.

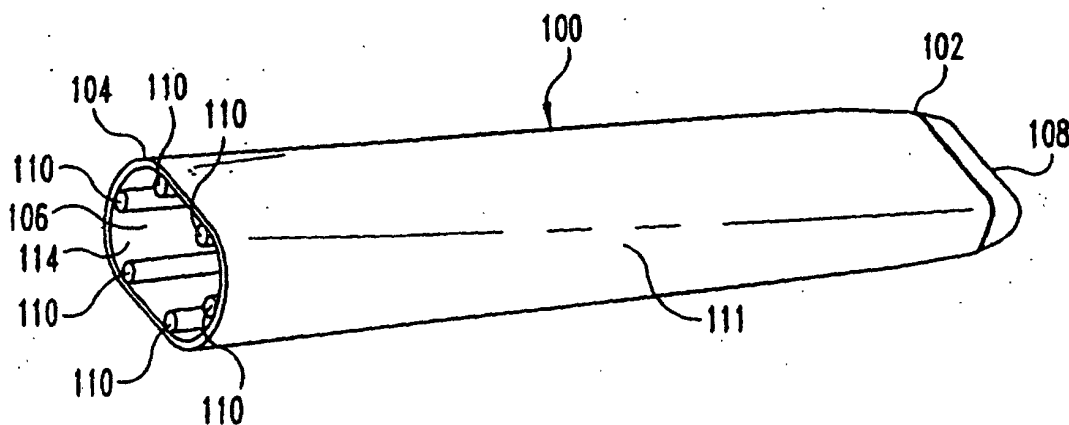


Fig. 3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 00 8501

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A	US 5 814 073 A (BONUTTI PETER M) 29 September 1998 (1998-09-29) * figures 1,4 *	1,4,5, 10,11	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 22 November 2004	Examiner Ducreau, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 00 8501

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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专利名称(译)	腹腔镜仪器套管		
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[标]申请(专利权)人(译)	SDGI控股股份有限公司		
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优先权	09/526000 2000-03-15 US		
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摘要(译)

提供外科技术和仪器用于执行腹腔镜外科手术。装置 (45) 包括套管 (100) , 套管 (100) 具有近端 (104) , 远端 (102) 和在近端和远端之间延伸的内腔 (106) 。内腔 (106) 在近端 (104) 处打开并且通过其接收细长构件, 例如套管或手术器械。套管 (100) 是弹性材料并且适合于细长构件的至少远端部分的外部形状。在一种形式中, 远端壁包括用于打开端壁以允许细长构件从中穿过的装置。套筒 (100) 还可以设置有内肋 (110) 和凸缘构件。还公开了在腹腔镜手术中使用各种手术器械的各种技术。

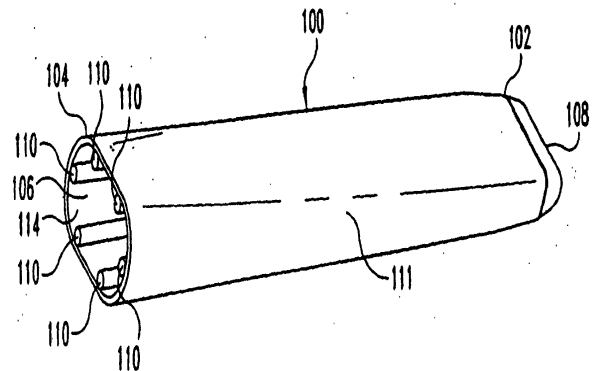


Fig. 3