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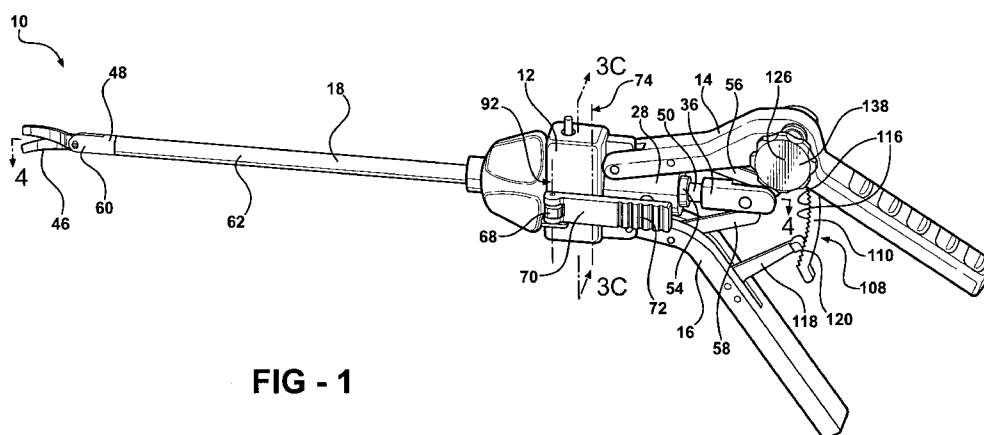


FIG - 1

(57) Abstract: A surgical instrument for performing surgery includes a housing defining an axial bore. A lock is slidably disposed in the transverse bore to engage and disengage a tube adaptor. A latch extends from the lock to move the latch into and out of the axial bore. The lock and latch allow for interchangeability of tip assemblies inserted into the surgical instrument. A first and second handle are pivotally attached to the housing. A first ratchet member is rotatably attached to the first handle and includes serrated teeth. A second ratchet member extends from the second handle. The second ratchet member including a finger for engagement with the serrated tooth to prevent movement of said first handle relative to the second handle. The first ratchet member is rotatable about the rotational axis to disengage from the second ratchet member and allow the first handle to move relative to the second handle.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/25209

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61B 17/00 (2008.04)

USPC - 606/205

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)

IPC(8) - A61B 17/00 (2008.04)

USPC - 606/205

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC - 606/205, 206, 208 - search terms below

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

PubWest (USPT, PGPB, EPAB, JPAB), Google Scholar, WIPO, PubMed: Endoscopic, forceps, ratchet, tube adaptor, latch, spring, hinge, surgical, instrument, handle

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,836,960 A (KOLESA et al) 17 Nov 1998 (17.11.1998); Fig 2 and 3; col 4, ln 1to col 5, ln 67	18-30
X	WO 2006/119139 A2 (LIVNEH) 9 Nov 2006 (09.11.2006); Fig 1,4 and 14, para [0051]-[0058]	1-17

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\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"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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