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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))

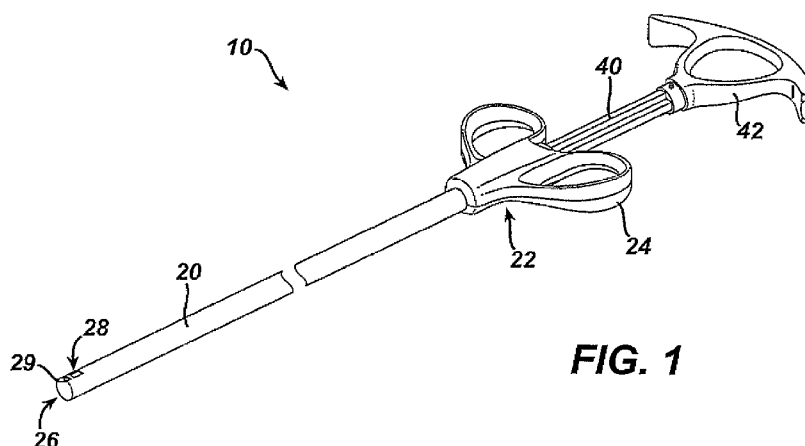
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(54) Title: TISSUE RETRIEVAL DEVICE WITH REINFORCED POUCH AND VARIABLE VOLUME

**FIG. 1**

(57) Abstract: A tissue retrieval device includes a tubular member, one or more frame members, and a tissue retrieval bag. The tubular member is insertable into a patient through a trocar to open the bag within the patient to receive a tissue specimen. The internal capacity provided by the bag may vary based on the longitudinal position of the frame members. The bag may be stretchable to increase its internal capacity. At least one sidewall of the bag may include one or more reinforcement members, which may influence the way in which the bag stretches by restricting stretching of the bag in one or more directions while freely permitting stretching of the bag in one or more other directions. Part of the undeployed bag may be contained in a recess formed in the side of the tubular member, with a removable cap being positionable over the undeployed bag and recess.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2011/021049

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61B17/00 A61B17/221
ADD.

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)
A61B

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/112783 A1 (MEMRY CORP [US]; PONCET PHILIPPE [US]; CARPENTER SCOTT [US]) 1 December 2005 (2005-12-01) paragraphs [0031] - [0054]; figures 4a,4b -----	1-19
X	US 5 779 716 A (CANO GERALD G [US] ET AL) 14 July 1998 (1998-07-14) columns 5-6; figures 1-7 -----	1,2, 4-10,18, 19
X	US 2006/058776 A1 (BILSBURY ANDREW J [US]) 16 March 2006 (2006-03-16) paragraphs [0050] - [0060]; figures 1-7 -----	1,2,4, 7-9,18, 19
X	WO 93/15671 A1 (ENDOMEDIX CORP [US]) 19 August 1993 (1993-08-19) the whole document ----- -/-	1,19



Further documents are listed in the continuation of Box C.



See patent family annex.

* 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 document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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"P" document published prior to the international filing date but later than the priority date claimed

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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

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/021049

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-19

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2011/021049

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2006/200170 A1 (ARANYI ERNEST [US]) 7 September 2006 (2006-09-07) paragraphs [0040] - [0045] -----	1-19
A	US 2002/091394 A1 (REYNOLDS ROBERT [US] ET AL) 11 July 2002 (2002-07-11) the whole document -----	1-19
A	US 2005/125004 A1 (BATES JAMES S [US] ET AL) 9 June 2005 (2005-06-09) the whole document -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2011/021049

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005112783 A1	01-12-2005	DE 112005001073 T5 US 2005267492 A1	16-05-2007 01-12-2005
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US 2005125004 A1	09-06-2005	US 2010268246 A1	21-10-2010

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-19

A specimen retrieval instrument, comprising:

- (a) a tubular member having a distal end;
- (b) one or more frame members, wherein the one or more frame members are movable relative to the tubular member to extend at least a portion of the one or more frame members distally relative to the tubular member; and
- (c) a retrieval bag, wherein the retrieval bag is secured to the one or more frame members, wherein the retrieval bag is movable from a non-deployed position to a first deployed position, wherein the retrieval bag is further movable from the first deployed position to a second deployed position, wherein the retrieval bag provides a first internal capacity when the retrieval bag is in the first deployed position, wherein the retrieval bag provides a second internal capacity when the retrieval bag is in the second deployed position, wherein the second internal capacity is greater than the first internal capacity.

2. claim: 20

A specimen retrieval instrument, comprising:

- (a) a tubular member having a distal end;
- (b) one or more frame members, wherein the one or more frame members are movable relative to the tubular member to extend at least a portion of the one or more frame members distally relative to the tubular member; and
- (c) a retrieval bag, wherein the retrieval bag is secured to the one or more frame members, wherein the retrieval bag is formed of a stretchable material, wherein the retrieval bag is stretchable from a first configuration to a second configuration, wherein the retrieval bag further comprises at least one sidewall having one or more reinforcement members, wherein the one or more reinforcement members are configured to structurally reinforce the at least one sidewall.
