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(71) Applicant (for all designated States except US):
CEDARS-SINAI MEDICAL CENTER [US/US]; 8700
Beverly Boulevard, Los Angeles, CA 90048 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MELMED, Gil, Y.
[US/US]; 1539 S. Crest Dr., Los Angeles, CA 90035
(US). LO, Simon, K. [US/US]; 31 Encanto Drive,
Rolling Hills Estates, CA 90274 (US). KAR, Saibal [US/
US]; 2783 Hollyview Ct., Los Angeles, CA 90068 (US).

(74) Agents: AVAKIAN, Patrick et al.; Davis Wright
Tremaine Llp, 865 South Figueroa Street, Suite 2400, Los
Angeles, CA 90017 (US).

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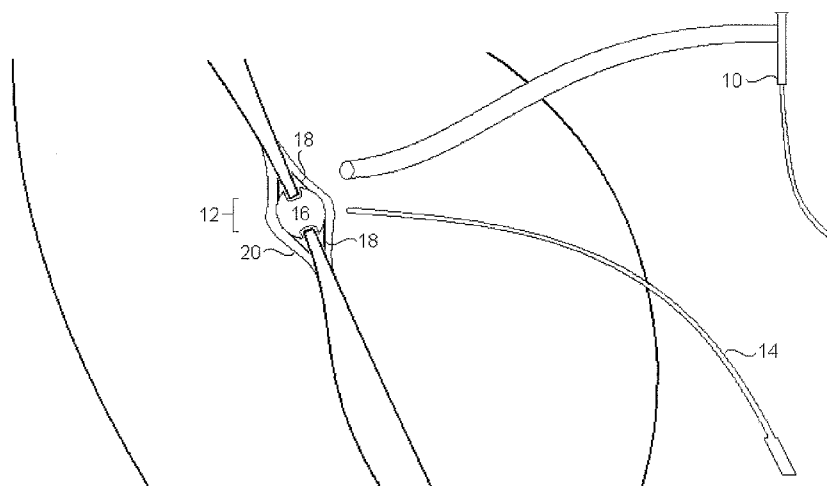


Figure 1

(57) Abstract: This invention relates to methods and devices utilizing minimally invasive techniques for digestive system fistula closure using occluder devices and various securing and sealing means. The present subject matter expands upon the breadth of current endoscopic techniques by implementing novel occluder devices and techniques intended specifically for treatment of digestive fistulas.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/039966

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61M 31/00 (2009.01)

USPC - 606/153

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; A61M 31/00 (2009.01)

USPC - 604/41, 509, 521; 606/108, 139, 153

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 practicable, search terms used)

PatBase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,287,317 B1 (MAKOWER et al) 11 September 2001 (11.09.2001) entire document	1-3, 8, 9, 11-13, 18, 19, 21, 22, 24, 25
-		
Y		4-7, 10, 14-17, 20, 23, 26
Y	US 2007/0129757 A1 (ARMSTRONG) 07 June 2007 (07.06.2007) entire document	5, 6, 15, 16
Y	US 2008/0027477 A1 (OBERMILLER et al) 31 January 2008 (31.01.2008) entire document	10, 20, 26
Y	US 5,797,930 A (OVIL) 25 August 1998 (25.08.1998) entire document	4, 14, 23
Y	KHAIR et al. Routine use of gastrograftin enema prior to the reversal of a loop ileostomy. Digestive Surgery 2007;24:338-341 04 September 2007 (04.09.2007) entire document	7, 17

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Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450

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Authorized officer:

Blaine R. Copenheaver

PCT Helpdesk: 571-272-4300
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