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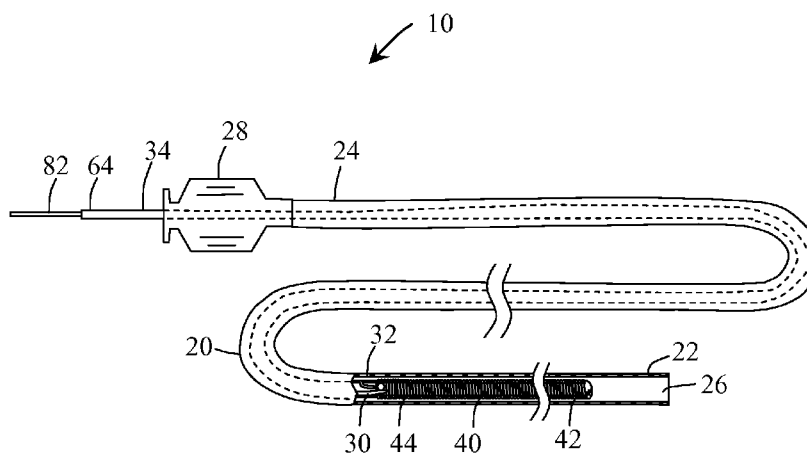
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(54) Title: DETACHABLE COIL RELEASE SYSTEM AND HANDLE ASSEMBLY

FIG. 1

(57) Abstract: A medical implant deployment system for placing an implant at a preselected site comprising a deployment system that includes a mechanical coupling assembly at the distal end of a delivery member that engages the proximal end of the implant and a release member having an extended configuration in which the release member cooperatively maintains the coupling assembly engagement with the implant proximal end and a retracted configuration where the release member allows the coupling assembly to disengage from the implant proximal end. An attachable handle assembly is provided to place the release member in the retracted configuration allowing the coupling assembly to disengage from the implant proximal end, thereby releasing the implant.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 14/10099

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61M 29/00 (2014.01)

USPC - 606/200

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
623/1.11, 1.12; 606/191

(Search term limited; see below)

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

PubWest (PGPB, USPT, EPAB, JPAB); Google; PatBase (All);

Search Terms: Embolism, embolic, coil, deliver*, device, catheter, tool, apparatus, detach*, releas*, uncoupl*, un coupl*, unattach*, un attach*, retract*, wire, cord, taper*, piston, plunger, channel, aperture, lumen, orthogonal, transvers*, handle, grip, handgrip

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y -- A	US 2008/0045997 A1 (BALGOBIN et al.) 21 February 2008 (21.02.2008) Entire document, especially Abstract, para[0041]- para[0042], para[0050]- para[0052], para[0060]- para[0061] and FIGS. 1-9.	1,3, 5,12,14,16, 20,22,24 ----- 1-2,6,12-13,17,20-21, 25 ----- 4,7-11,15,18-19,23,26-50
Y -- A	US 2010/0030200 A1 (STRAUSS et al.) 04 February 2010 (04.02.2010) Entire document, especially Abstract, para[0078]- para[0081], para[0091]- para[0097] and FIGS. 1-7.	1-2, 12-13, 20-21 ----- 1-50
Y -- A	US 2005/0154417 A1 (SEPETKA et al.) 14 July 2005 (14.07.2005) Entire document, especially Abstract, para[0062]- para[0064] and FIGS. 12-13.	6, 17, 25 ----- 4,7-11,15,18-19,23,26-50
A	US 2002/0120322 A1 (THOMPSON et al.) 29 August 2002 (29.08.2002) Entire document, especially Abstract, para[0035]- para[0039], para[0046] and FIGS. 1-3)	4,7-11,15,18-19,23,26-50
A	US 2010/0004606 A1 (HANSEN et al.) 07 January 2010 (07.01.2010) Entire document, especially Abstract, para[0081]- para[0082] and FIGS. 8-9.	4,7-11,15,18-19,23,26-50

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