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[Continued on next page]

(54) Title: APPARATUS AND METHODS FOR TREATMENT OF PATHOLOGIC PROLIFERATIVE CONDITIONS OF UTERINE TISSUE

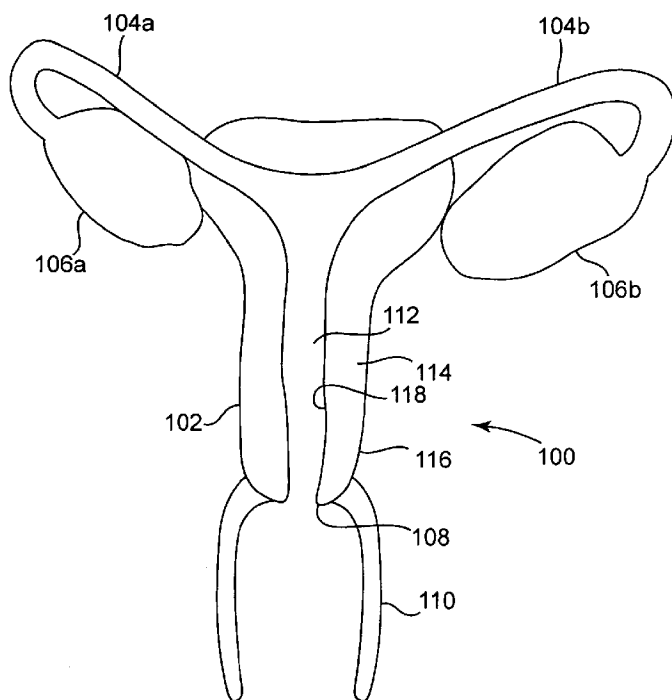


Fig. 1

(57) Abstract: A pelvic treatment device for localized delivery of one or more anti-proliferative agents to prevent further growth and development of female or male pelvic proliferative cells. With the benefit of localized delivery of the anti-proliferative agents, the anti-proliferative agents can be introduced to pelvic proliferative cells at dosage levels less than would be expected for conventional system delivery mechanisms so as to reduce or eliminated common side effects or toxic conditions. Generally, the one or more anti-proliferative drugs can be introduced in conjunction with or integral to a physical element that retains the anti-proliferative agents for localized release.

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A. CLASSIFICATION OF SUBJECT MATTER

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

USPC - 604/517

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

USPC: 128/898, 128/899, 128/830, 128/833, 128/839; 604/385.17, 604/514

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

PubWest, PubMed, Google Scholar, Google Patent: prolifera\$5, uterine tissue, anti-proliferative, uterine artery, blood flow, vaginal ring, ring, vagina, rapamycine, rapamycin, podophylotoxin, curcumin, halofunginone, 2-methoxyestradiol, fibroids, endometriosis, introduction, testes, prostate

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,993,856 A (RAGAVAN et al.) 30 Nov 1999 (30.11.1999) col 1, ln 13-20; col 7, ln 31-36; col 7, ln 43-56; col 7, ln 43-46; col 9, ln 6-8	1, 7
Y		2-6, 8-19
Y	US 2007/0049973 A1 (BURBANK et al.) 01 Mar 2007 (01.03.2007); para [0017], [0019], [0063]	2, 3, 4, 8-19
Y	US 6,726,923 B2 (IYER et al.) 27 Apr 2004 (27.04.2004); col 5, ln 38-44	4, 5, 14
Y	US 2007/0026042 A1 (NARAYANAN) 01 Feb 2007 (01.02.2007); para [0272]	6, 15
Y	US 6,086,909 A (HARRISON et al.) 11 Jul 2000 (11.07.2000); col 7, ln 10-20; col 8, ln 63-65	3
Y	US 2007/0244071 A1 (DENNIS) 18 Oct 2007 (18.10.2007); para [0076], [0082]	18, 19

☐ Further documents are listed in the continuation of Box C.

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