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(71) Applicant *(for all designated States except US)*: **ANTHEA S.R.L.** [IT/IT]; Via Bentini, 37, I-40138 Bologna (IT).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **BURGONI, Roberto** [IT/IT]; Via Bentini, 37, I-40138 Bologna (IT).

(74) Agents: **PORSIA, Attilio** et al.; Succ.Ing. Fischetti & Weber, 3/2, Via Caffaro, I-16124 Genova (IT).

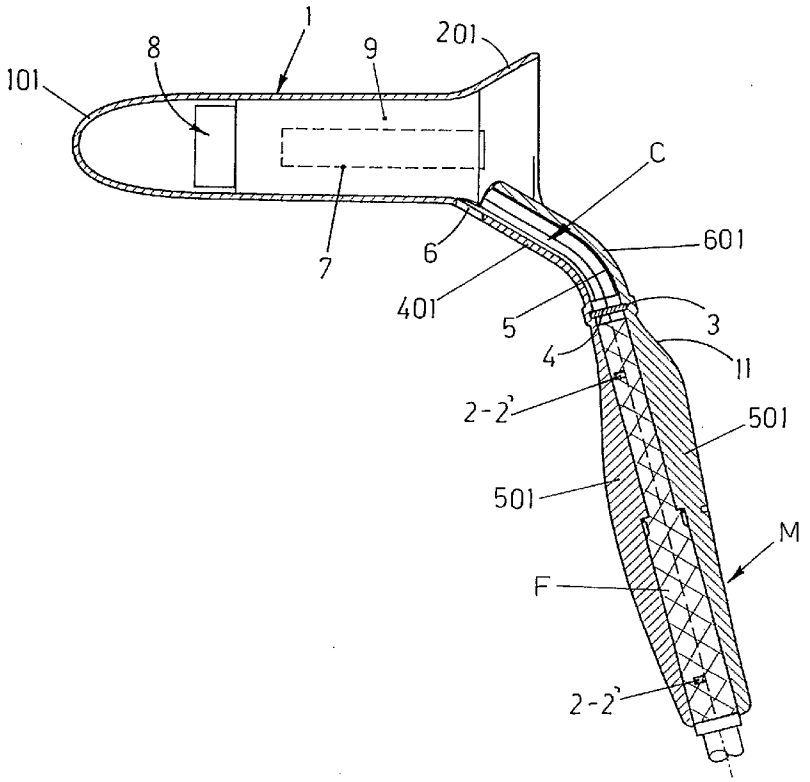
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(54) Title: A RETRACTOR FOR OPERATIONS ON THE ARTERIA HAEMORROIDALIS



(57) Abstract: The invention describes a disposable device for operations on the arteria haemorroidalis, which comprises a retractor tube (1), closed and rounded on the end (101) which is inserted in the anal cavity, and open and diverging on the external end (201) to which is connected a griping handle (M) which removably houses a luminous source (F). In the connection zone of the handle to the external mouth of the retractor there is provided a channel (C) which contains a parabola (5) which reflects the light supplied from said luminous source (F) and which sends the reflected light inside of the same retractor, to illuminate a lateral window (8) through which appears the rectal mucosa upon which the operation must be made for the ligature of the arteria haemorroidalis. The haematic flow of the arteria haemorroidalis and the same artery are detected with precision by means of an ultrasonic probe removably housed in a longitudinal chamber (10) provided at the interior of the retractor tube, aligned to said window (8), opened on the mouth (201) of the same retractor and also provided with a lateral opening (7) to allow to the sensor of the probe to touch the anal mucosa. The probe is preferably protected in a thin, disposable and easily removable sterilised sheath, to allow the hygienical re-utilization of the same probe.

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