(No Model.)

J. M. KING.

RECTAL SPECULUM.

No. 395,705. Patented Jan. 8, 1889.

Fig. 1.

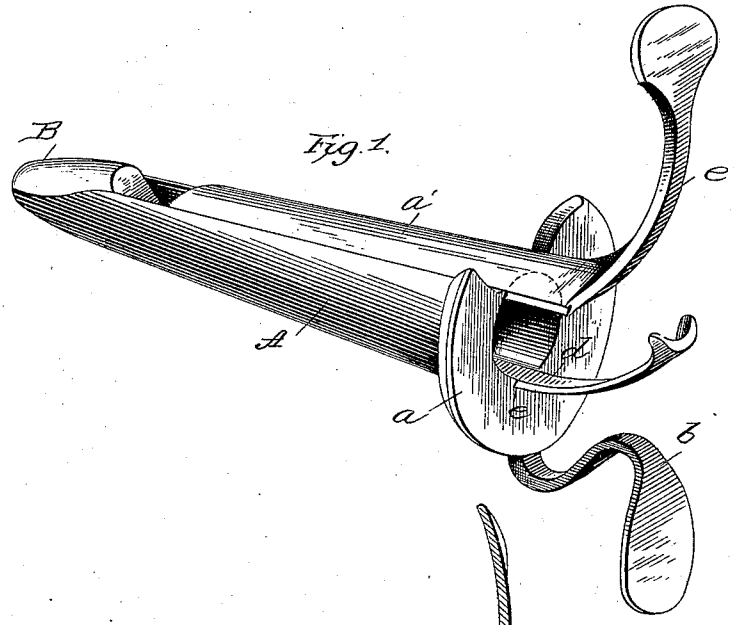


Fig. 2.

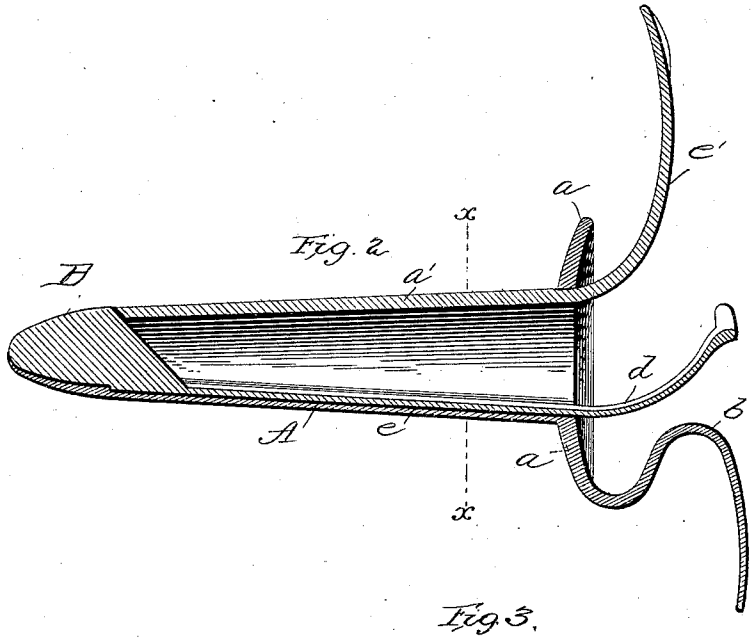
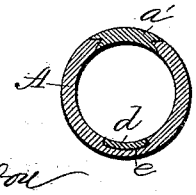


Fig. 3.



Attest.

Walter Middleton

F. L. Middleton.

Inventor,

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by Ellis Spear

Atty.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOHN MELVIN KING, OF STECOAH, NORTH CAROLINA, ASSIGNOR OF ONE-HALF TO GEORGE F. BROCK, OF SAME PLACE.

RECTAL SPECULUM.

SPECIFICATION forming part of Letters Patent No. 395,705, dated January 8, 1889.

Application filed April 28, 1888. Serial No. 272,122. (No model.)

To all whom it may concern:

Be it known that I, JOHN MELVIN KING, of Stecoah, in the county of Graham and State of North Carolina, have invented a new and useful Improvement in Rectal Speculums; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improved rectal speculum, the particular points of novelty in said speculum being particularly pointed out hereinafter.

This speculum is illustrated in the accompanying drawings, in which—

Figure 1 represents the speculum in perspective with all the parts in place. Fig. 2 shows a central longitudinal section of the same. Fig. 3 is a section on line *x x* of Fig. 2.

In the drawings, A represents the tube of the speculum, not materially different from the ordinary form in respect to its main features. It is of the ordinary tubular and tapering shape, with a flange, *a*, and fixed handle *b*. On the side opposite the fixed handle *b* the flange *a* is cut away, and the tube is slotted from the flanged end throughout. Into the upper end fits a plug, B, and the edges of the end of the tube are beveled down to the plug to form, when the plug is in place in the tube, as shown in Fig. 1, a suitably-rounded end adapted for insertion as a speculum. On one side the plug has a shank, *d*, which fits into a groove, *e*, in the inner face of the tube, so that the shank lies in place with its inner surface flush with that of the tube. It serves also to guide and hold the plug in proper position. The shank has an upturned handle at its outer end for manipulation. In the slot is fitted a sliding cover, *a'*, grooved on the edges to fit the edges of the slot, and forming when in place a part of the tube. In this position the forward end of the sliding cover bears against the rear of the plug and holds it in place; but as the tube is tapering the plug may be released for withdrawing by a partial retraction only of the cover. The apparatus is very simple and easily made. The plug need not be turned to open or close any of the orifice, and it may be withdrawn readily. The cover has the ordinary handle, *e'*.

I claim as my invention—

In a speculum, the tapering conical tube having a slot throughout its entire length, a plug fitted to fill the end and having a shank fitted to a groove in the inner face of the tube, and a slide covering the entire slot and bearing against the rear end of the plug, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN MELVIN KING.

Witnesses:
LEWIS MEDLIN,
JAMES M. CRISP.