

(No Model.)

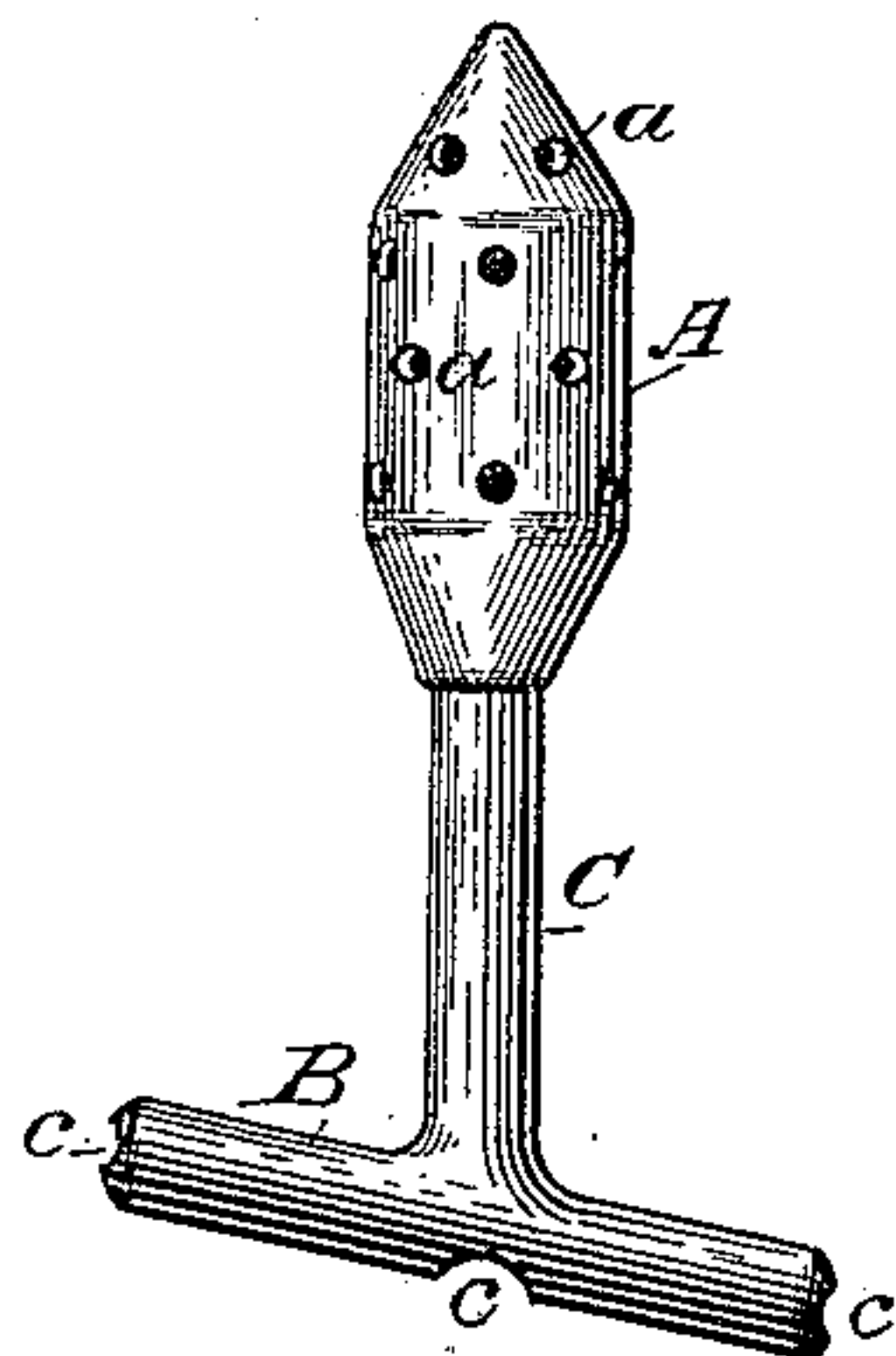
S. B. PAYNE.

INSTRUMENT FOR TREATING PILES.

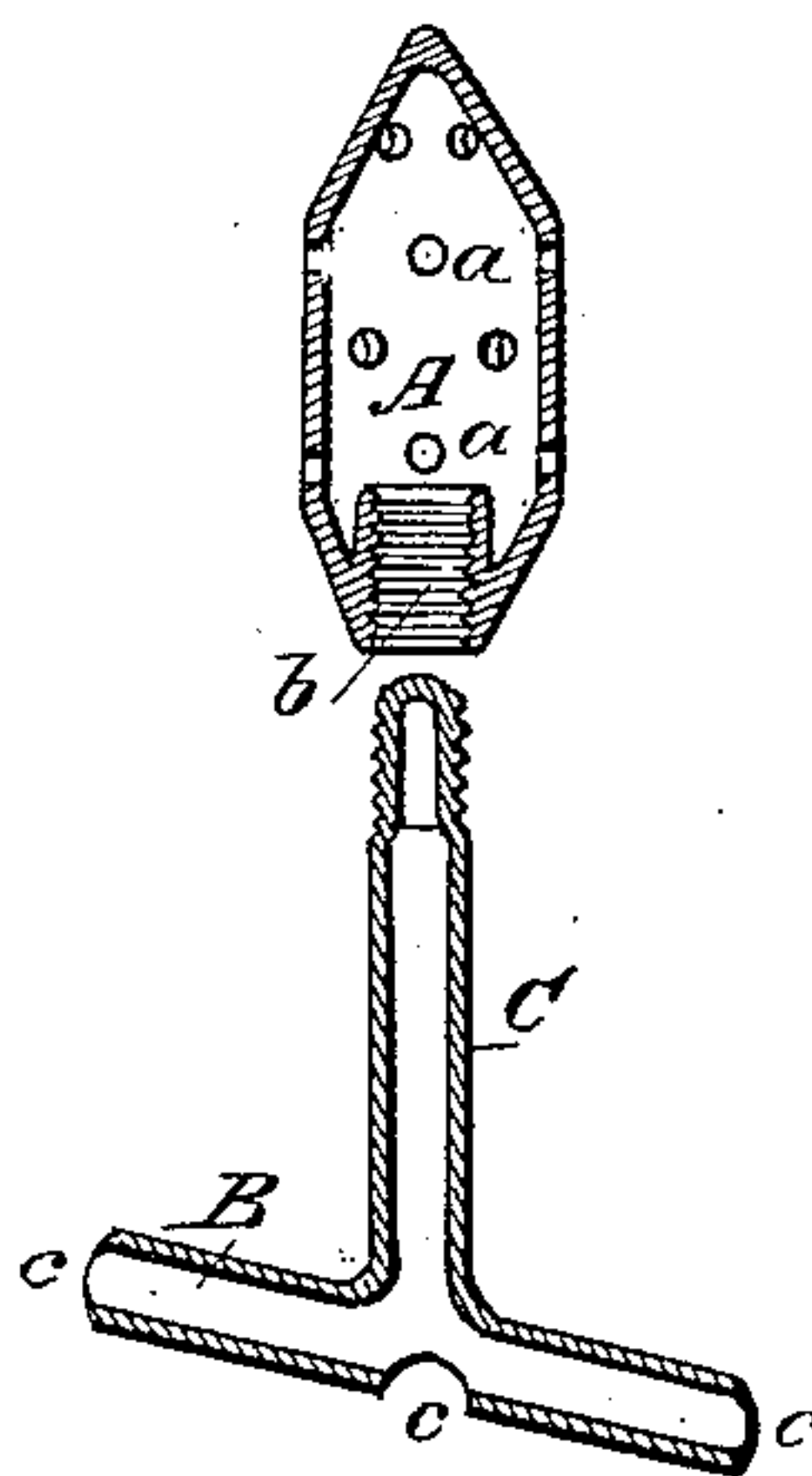
No. 362,778.

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*Fig. 1.*



*Fig. 2.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## INSTRUMENT FOR TREATING PILES.

SPECIFICATION forming part of Letters Patent No. 362,778, dated May 10, 1887.

Application filed January 27, 1887. Serial No. 225,705. (No model.)

*To all whom it may concern:*

Be it known that I, SYLVENUS B. PAYNE, of Ridgeville, in the county of Randolph and State of Indiana, have invented a new and  
5 useful Improvement in Surgical Instruments for Treating Piles and other Diseases of the Rectum, of which the following is a specification.

This invention is designed to furnish a convenient mode of applying ointments, liquids,  
10 &c., to the rectum in cases of disease—as of piles, ulcers, &c.—and also to prevent protrusion of the veins.

The invention consists in a cylindrical hollow bulb tapered or cone-shaped at the  
15 extremities, and provided with a series of perforations in its sides, in combination with a stem removably connected with said bulb and having a cylindrical base-piece to rest upon the  
20 exterior of the body when the instrument is in position.

In the accompanying drawings, Figure 1 is a side view of my invention. Fig. 2 is a section, the parts being shown separated.

25 A is a hollow bulb, cylindrical in shape and tapering or cone-shaped at the extremities, so as to be easily inserted and removed. The bulb is provided with holes or perforations *a* in the sides, and has a screw-threaded opening, *b*, at one end.  
30

B is a hollow cylindrical base-piece, which serves as a handle in introducing and removing the instrument, and remains on the outside of the body when the bulb is inserted in  
35 the rectum. A hollow stem, C, extends from about the center of the base-piece B, and is screw-threaded at the extremity to enter the opening in the bulb. The screw-threaded end of the stem is closed, in order to retain the  
40 ointment or other medicine in the bulb when it is placed in position.

The base-piece B is arranged obliquely to the stem, in order to conform to the shape of the external parts at the front and rear of the  
45 rectal opening.

The stem and base-piece are preferably made hollow, in order to render the instrument as light as possible, and the base-piece is provided with openings *c c c*, to keep the stem and  
50 base-piece or handle cool.

The instrument can be made of any suitable material, as celluloid or rubber, or it can be made of zinc or other metal.

In using the instrument the ointment or other medical preparation used is placed in  
55 the bulb and the stem is then screwed in, closing the opening. The bulb is inserted into the rectum until the sphincter muscles close around the contracted stem, holding it in position. The cylindrical base occupies the space  
60 in front and rear of the rectal opening. The ointment used is melted by the heat of the body and passes through the openings in the sides of the bulb to the diseased parts. When  
65 liquids are to be applied, cotton or sponge will be saturated with the medicine and inserted in the bulb.

The instrument can be worn without inconvenience to the patient, and the effect is not only to apply the ointment or liquid to the  
70 parts affected, but also to keep the hemorrhoids from coming down.

Having thus described my invention, what I claim as new is—

1. In an instrument for applying medicines  
75 to the rectum, the combination, with a hollow perforated bulb provided with an opening at one end for the introduction of medicines, of a stem removably connected to the bulb and closed to prevent the medicine from passing  
80 to the external parts, said stem being provided with a cylindrical base-piece to rest on the exterior of the body when the bulb is in position, substantially as shown and described.

2. In a rectal instrument, the combination,  
85 with a hollow perforated bulb having tapering or conical extremities and provided with a screw-threaded opening at one end, of a hollow stem adapted to screw into said bulb, said stem being closed at the screw-threaded end,  
90 and a hollow cylindrical base having openings, as shown and described, and connected obliquely to said stem in order to conform to the shape of the parts when in position, substantially as herein set forth.

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Witnesses:

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