

No. 812,768.

PATENTED FEB. 13, 1906.

E. M. POND.
MEDICATED TAMPON.

APPLICATION FILED JULY 24, 1903. RENEWED MAY 26, 1905.

FIG. 1.

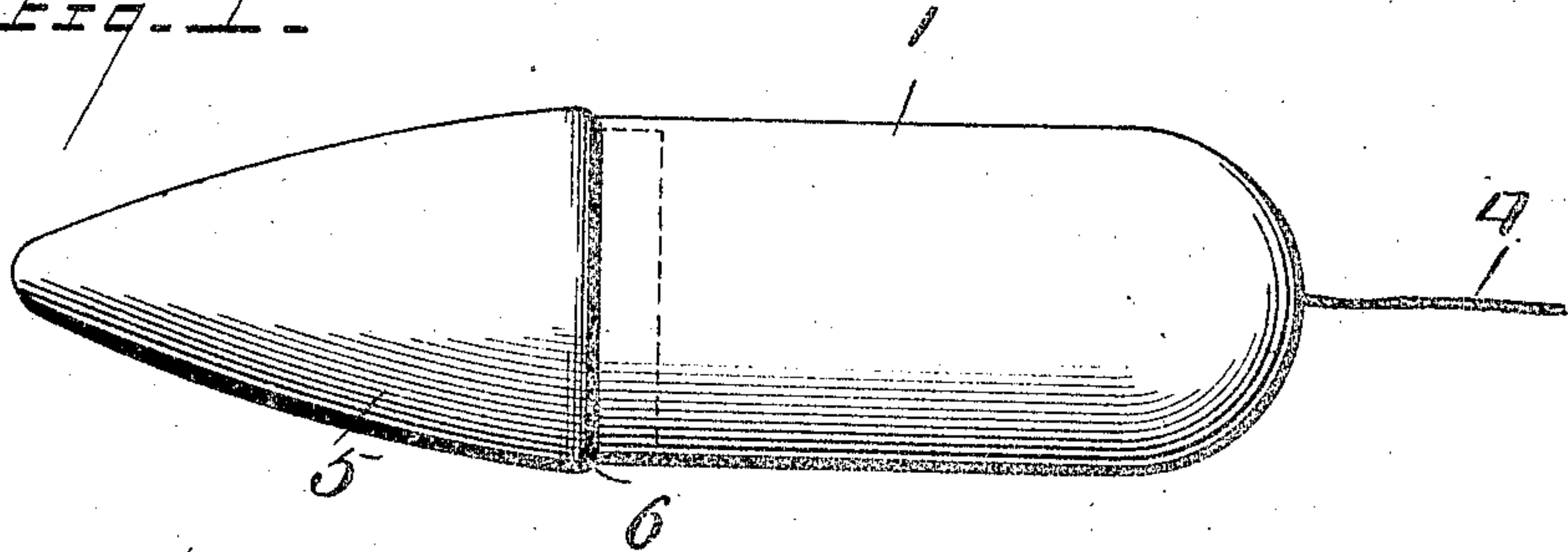


FIG. 2.

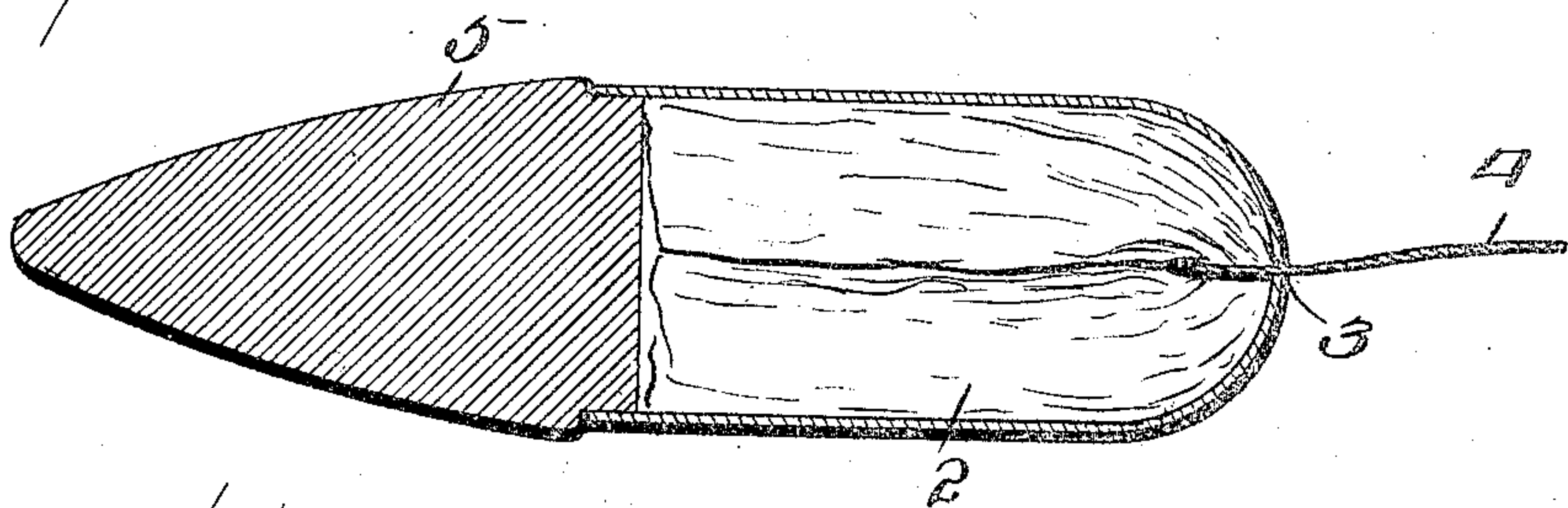


FIG. 3.

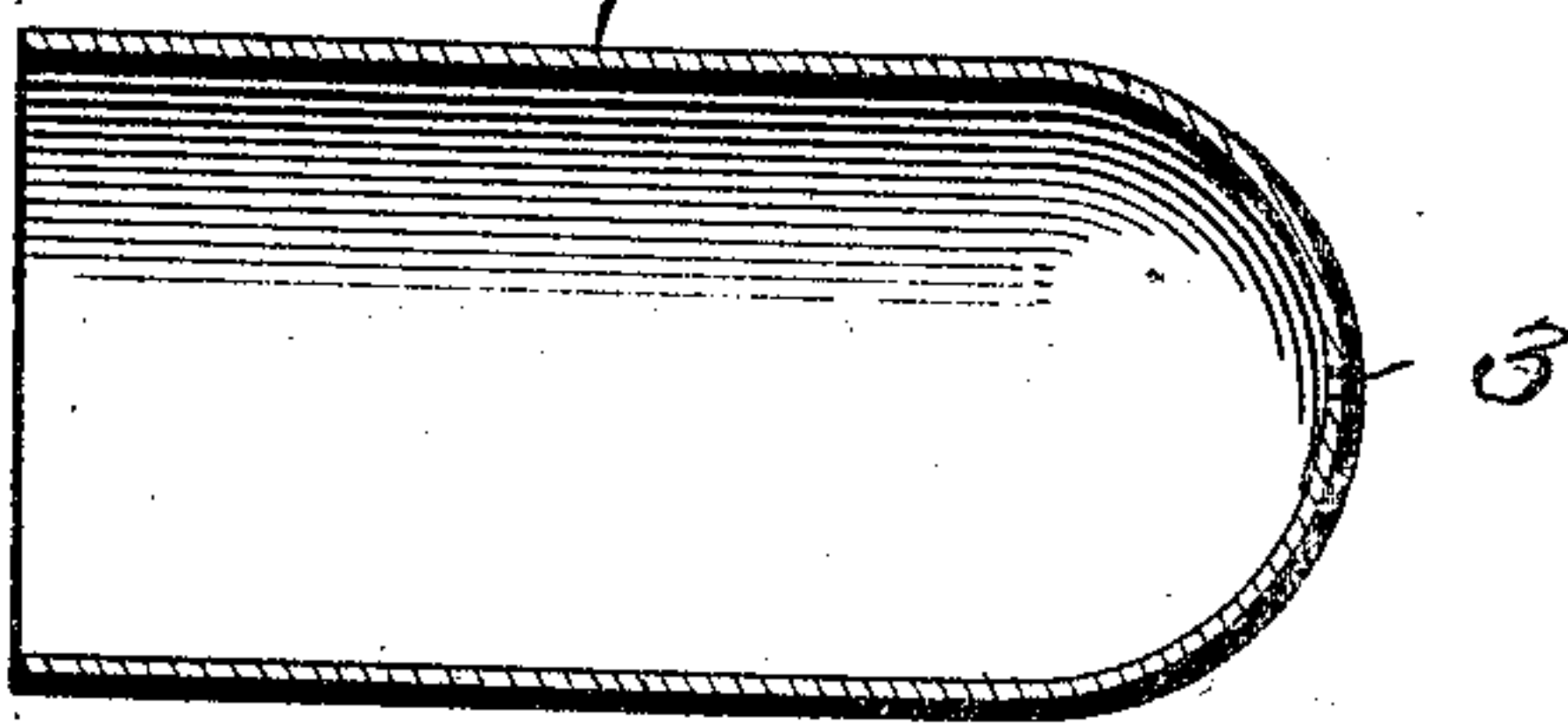
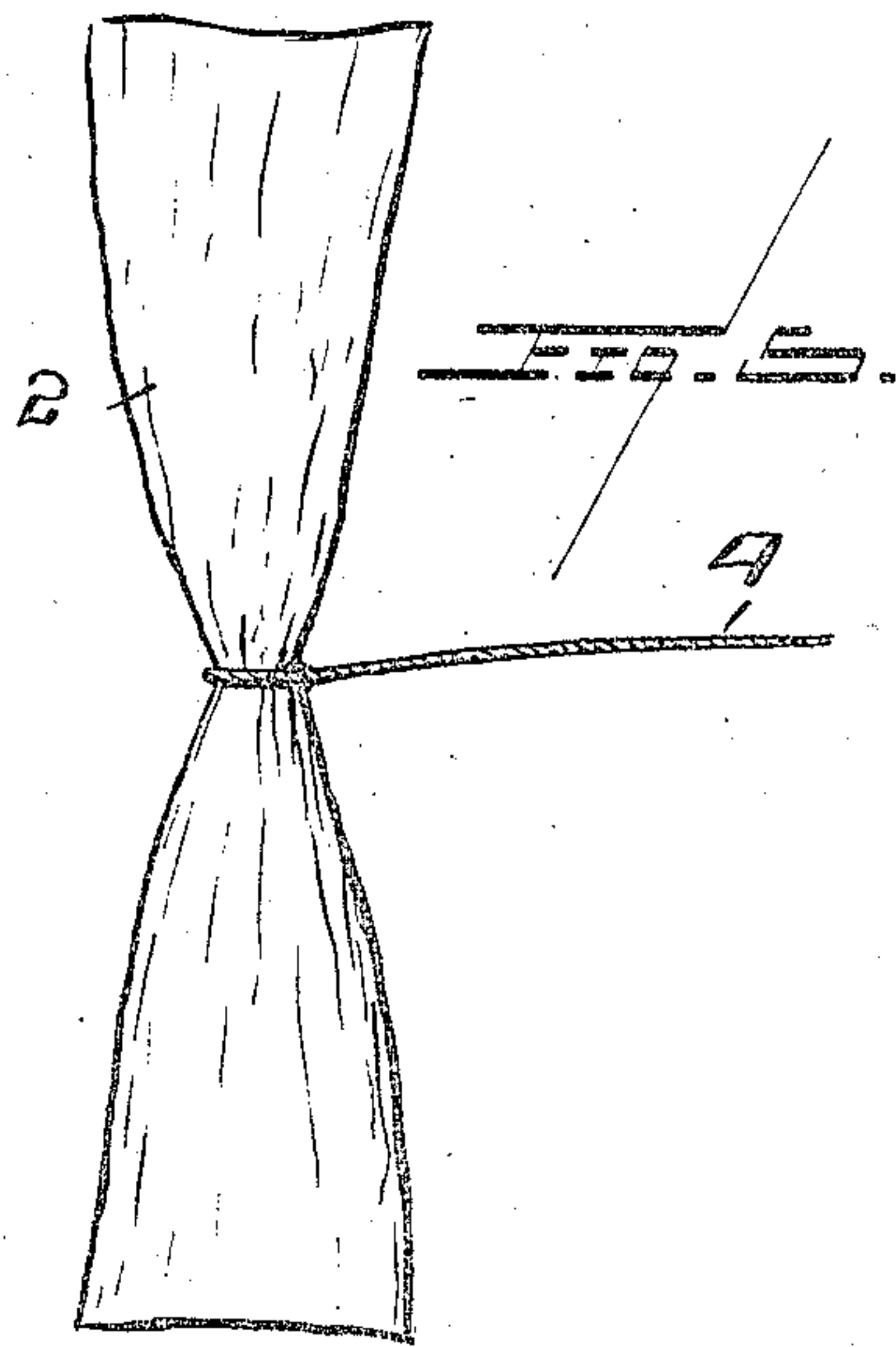
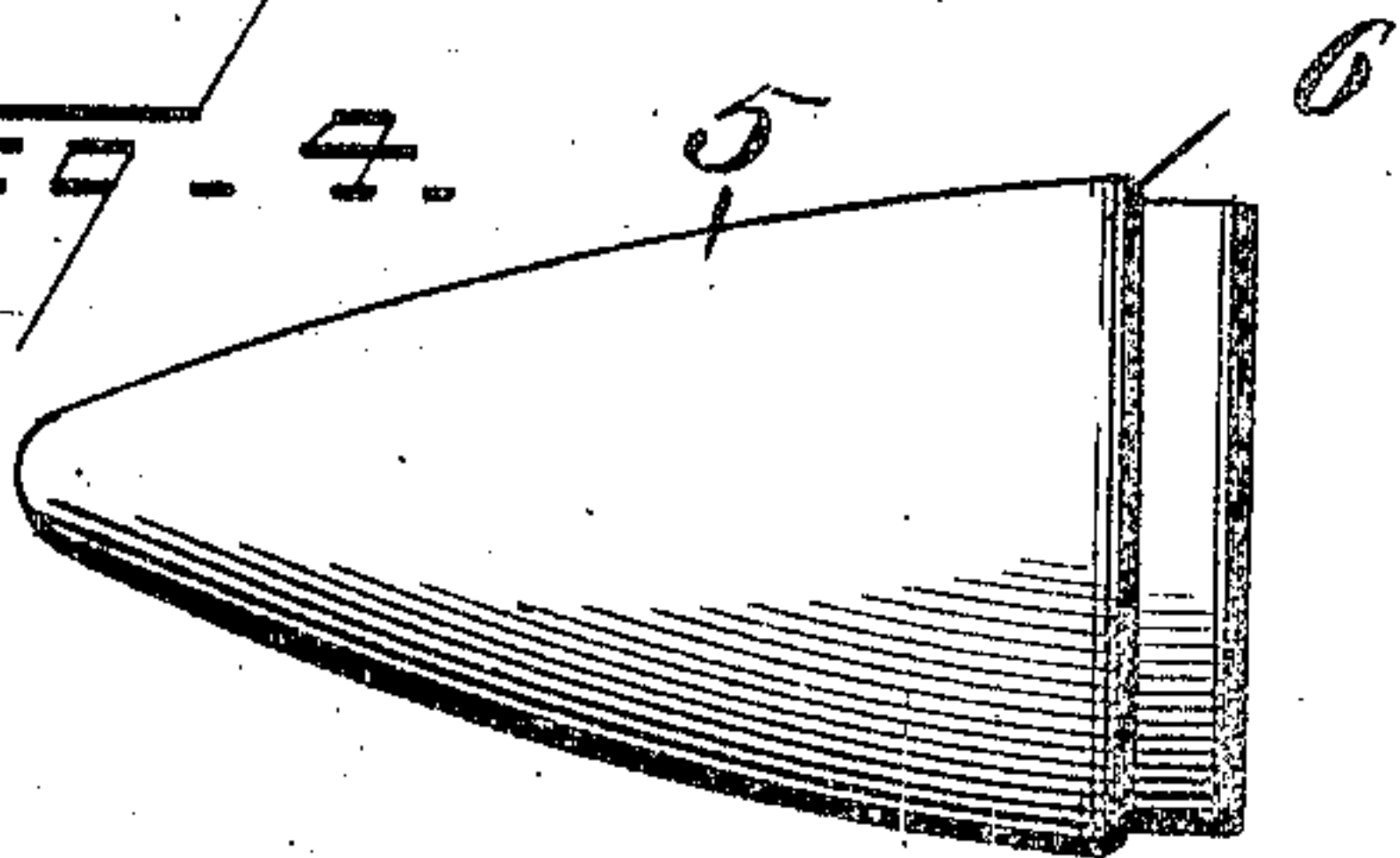


FIG. 4.



WITNESSES:

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MEDICATED TAMPON.

No. 812,768.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDMUND M. POND, a citizen of the United States, residing at Rutland, in the county of Rutland and State of Vermont, have invented new and useful Improvements in Medicated Tampons, of which the following is a specification.

My invention has relation to improvements in medicated tampons, and the object is to simplify and improve the existing art by providing a medicated tampon whereby the medicament will be immediately and directly applied and administered to the affected parts, and this I accomplish by forming a cylindrical casing or capsule of soluble innoxious material, having one end closed and the other end open, then compressing and fitting into the capsule an expansible material to serve as a holder and absorbent to prevent the escape of the medicament during and after its dissolution, and then I seat in the open end of the capsule a gelatinous medicated plug, leaving its body naked or uncovered to apply the medicine immediately to the affected parts.

I have fully and clearly illustrated my present improvements in the annexed drawings, forming a part of this specification, and wherein—

Figure 1 is a view in elevation of the tampon complete. Fig. 2 is a central longitudinal section through the tampon. Fig. 3 is a detail view of the soluble capsule. Fig. 4 is a detail of the medicated plug. Fig. 5 is a detail view of the expansible filling.

Referring to the drawings, 1 designates a soluble capsule made of some gelatinous material and consists of a cylindrical body of such length and diameter as to suit it for the purposes intended. One end of the capsule is closed and provided with a small hole or aperture 3, through which the withdrawal cord or string about the filling is passed. The other end of the capsule is open, as shown, to afford entrance for the insertion and arrangement of the compressible and expansible filling to the interior of the capsule.

2 designates the compressible and expansible filling, which is composed of absorbent wool, cotton, or sponge made into a loose cylindrical formation of such length and quantity as may be desired and suited to fit within the capsule when doubled together upon itself. Preliminary to the insertion of the filling into the capsule a string 4 is looped or bound around the middle of the bunch and its end

left free to serve as the means for drawing the filling into the capsule and for withdrawing it from its location when required. This filling, it will be perceived, after the gelatinous casing or capsule has been removed by dissolution will expand and serve as a pledget or tampon to stop or prevent the escape of the medicament from the cavity in which the device has been applied.

5 designates the medicament, consisting of a suitable plug made of a gelatinous soluble substance permeated or permanently saturated with the medicinal ingredients compounded from the prescription. This portion of the device is of tapering or conical form of such diameter at its base as to snugly fit within the open end of the capsule and be held in position by frictional contact and its body projecting as may be desired. Adjacent to the base of the medicated soluble plug may be an annular shoulder 6, adapted to rest or set upon the edge of the capsule when the medicated plug is placed in connection with the capsule.

To assemble the parts, so as to form the complete device, the string, which grasps the compressible material, is inserted through the aperture in the bottom of the capsule from the inside and the filling drawn within the capsule until in proper position, and then the medicated plug is fixed with its base extending the proper distance or up the shoulder in the open end of the capsule.

It will be perceived that this arrangement and construction of the tampon are very simple and convenient and afford ready and direct application of the medicine to the diseased parts, because the exudations will immediately take effect on the medicated plug, and hence receive its effects at once. When the capsule containing the filling material has been dissolved, the filling is free to expand and prevent the loss of the medicine, while at the same time the remedy will saturate the filling.

The device is particularly designed for internal medication of the uterine system or of the rectum, and its medicinal application and use are well known to the profession.

Having thus described my invention, what I claim is—

1. A medicated tampon consisting of a soluble gelatinous capsule having an open inner end, an expansible absorbent material compressed within the capsule, and a medicated

soluble gelatinous plug seated in and extending from the open end of the capsule.

2. A medicated tampon consisting of a soluble gelatinous capsule having an open inner
5 end and the other end perforated to permit the passage of a cord, an expansible absorbent filling compressed within the capsule, a cord connected to the filling and extending out through the aperture in the capsule, and
10 a medicated soluble conical plug having its

base seated in the open end of the capsule and its body projecting therefrom.

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

EDMUND M. POND.

Witnesses:

THOS. C. ROBBINS,
WAYNE BAILEY.