

No. 675,017.

Patented May 28, 1901.

W. C. ROUSH.
SURGICAL APPLIANCE.
(Application filed July 18, 1900.)

(No Model.)

Fig. 1.

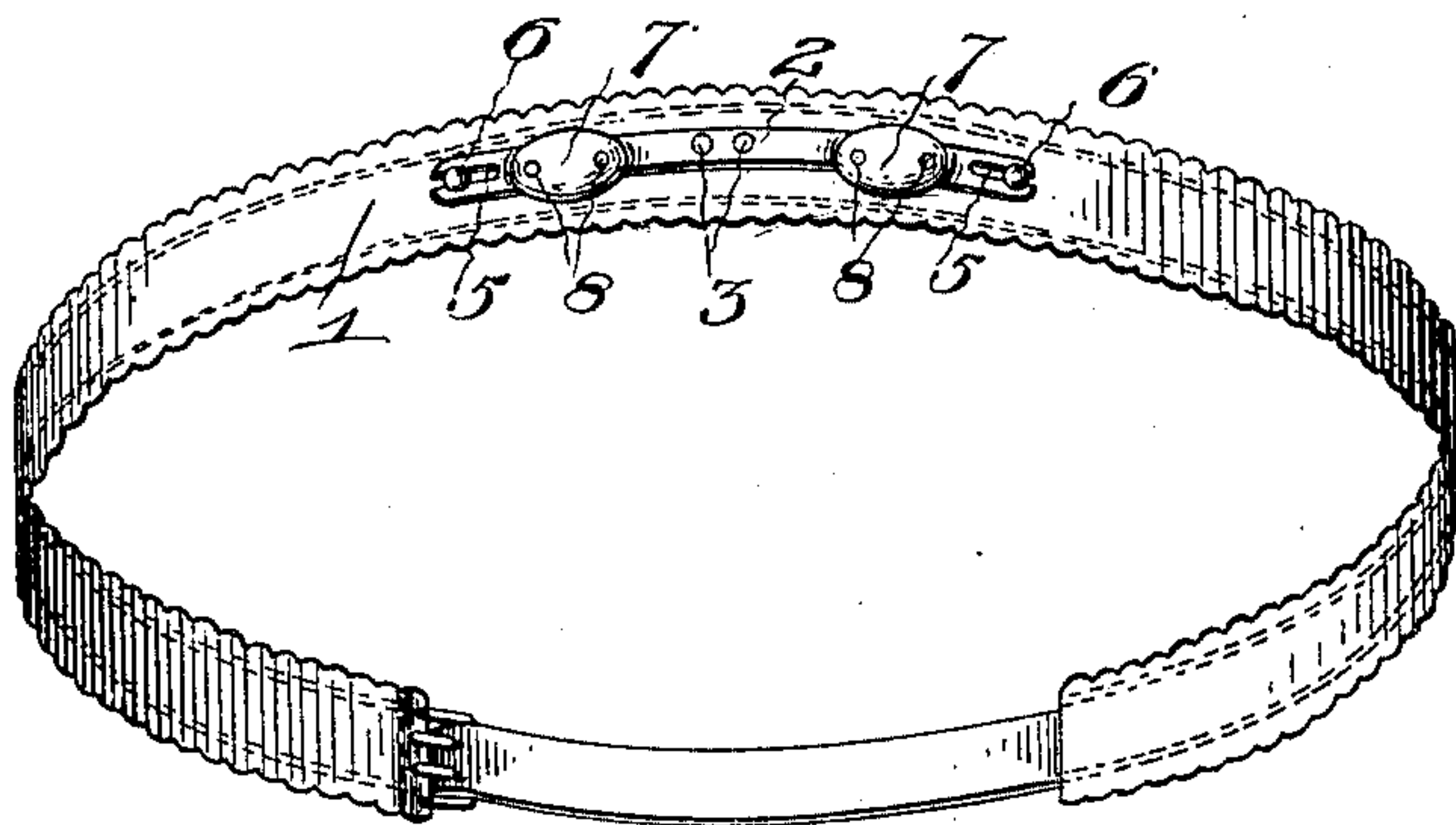


Fig. 2.

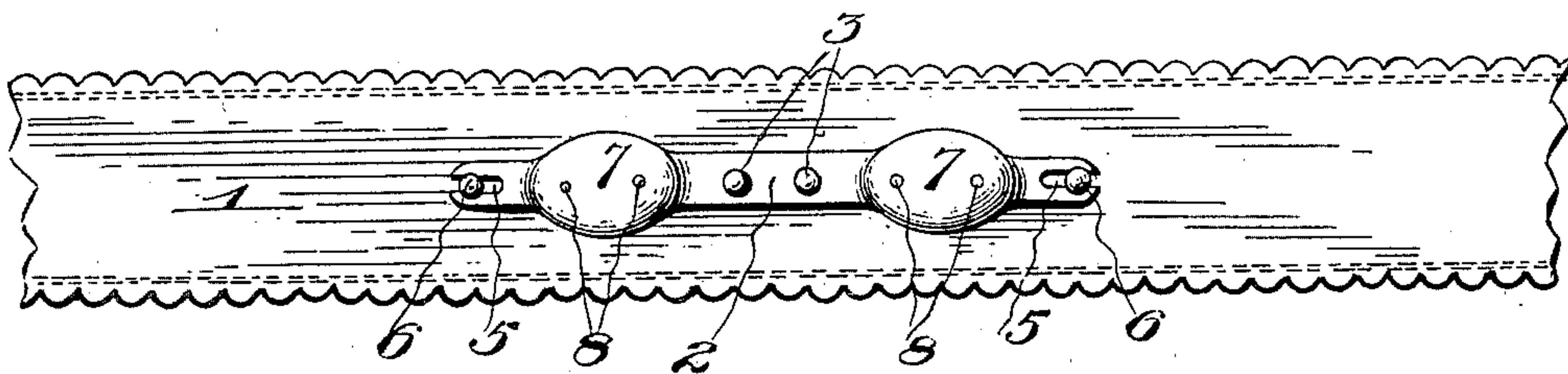
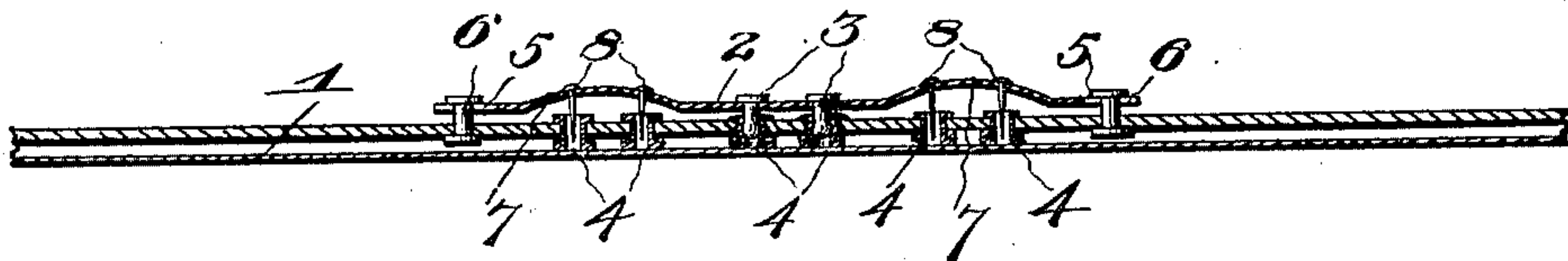


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

WILBER C. ROUSH, OF ANDERSON, INDIANA.

SURGICAL APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 675,017, dated May 28, 1901.

Application filed July 18, 1900. Serial No. 24,045. (No model.)

To all whom it may concern:

Be it known that I, WILBER C. ROUSH, a citizen of the United States, residing at Anderson, in the county of Madison and State of Indiana, have invented certain new and useful Improvements in Surgical Appliances; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to surgical appliances, and particularly to belts designed to be worn in the treatment of nervous debility.

The object of the invention is to provide a pricking device for application to belts of this character, said device being so constructed as to be forced inward when the patient lies upon his back to cause the pins or spurs thereof to prick the patient and to be automatically retracted when the pressure thereon is relieved. The device is designed to be used to deter the patient from lying on his back in the treatment of the aforementioned trouble.

The invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter more specifically described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a rear perspective view of a belt embodying my invention. Fig. 2 is a rear elevation of a portion of the same, on an enlarged scale; and Fig. 3 is a central longitudinal section through the parts shown in Fig. 2.

Referring now more particularly to the drawings, the numeral 1 represents a belt or waistband of the electrical or any other suitable type and made of canvas or any other suitable material.

The pricking attachment is mounted on the belt and comprises a comparatively long and narrow spring-metal plate 2, provided at the center with spring-studs 3, adapted to engage the central eyelets of a row of eyelets 4 on the belt to detachably connect the plate thereto. The ends of the plate are yieldingly connected to the belt, being formed with slots 5 to receive the projecting ends of rivets 6. Upon opposite sides of the studs 3 the plate

is further formed with outwardly bowed or curved portions 7, carrying pins or spurs 8, working in some of the eyelets 4 and having their point ends inwardly disposed, as shown.

When the parts are in their normal positions and no pressure is upon the plate 2, the pins or spurs lie concealed within the eyelets and do not come in contact with the body, and therefore cause no annoyance or inconvenience. When, however, the wearer lies upon his back, the bowed enlarged portions 7 are pressed inward and the plate 2 elongated, whereby the pins are forced through the eyelets and caused to prick the body of the wearer. The pricking attachment thus acts as a reminder to deter and prevent the wearer from lying on his back and in case the wearer is asleep will quickly awaken him. The slots 5 compensate for the endwise play of the ends of the plate. When the pressure is removed from the plate, the spring action of the bowed portions 7 contracts the plate and retracts the pins.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. In a surgical appliance, the combination, with a belt having eyelets, of a spring-retracted pricking appliance carrying pricking devices movable in said eyelets, substantially as set forth.

2. In a surgical appliance, the combination with a belt, of a pricking appliance comprising a longitudinally-extensible, spring-plate, pricking devices carried by the plate, and means for detachably and yieldably securing the plate to the belt, substantially as set forth.

3. The combination with a belt or waistband, of a pricking device comprising a bowed, longitudinally-extensible plate, and spurs or pins adapted to be forced into operative position by the extension of the plate when pressure falls thereon and to be automatically retracted when the plate contracts upon the removal of pressure therefrom, substantially as set forth.

4. The combination with a belt or waistband, of a pricking device comprising a resilient longitudinally-extensible plate provided on opposite sides of its center with

howed portions carrying spurs or pins, fastening means detachably connecting the center of the plate to the belt, and yielding connections between the ends of the plate and
5 belt to allow said plate to extend and contract, substantially as set forth.

In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

WILBER C. ROUSH.

Witnesses:

SPARKS L. BROOKS,
BENJ. F. ALFORD.