

R. A. SPRAKE.

SALIVA ABSORBING ROLL HOLDER AND SHIELD.

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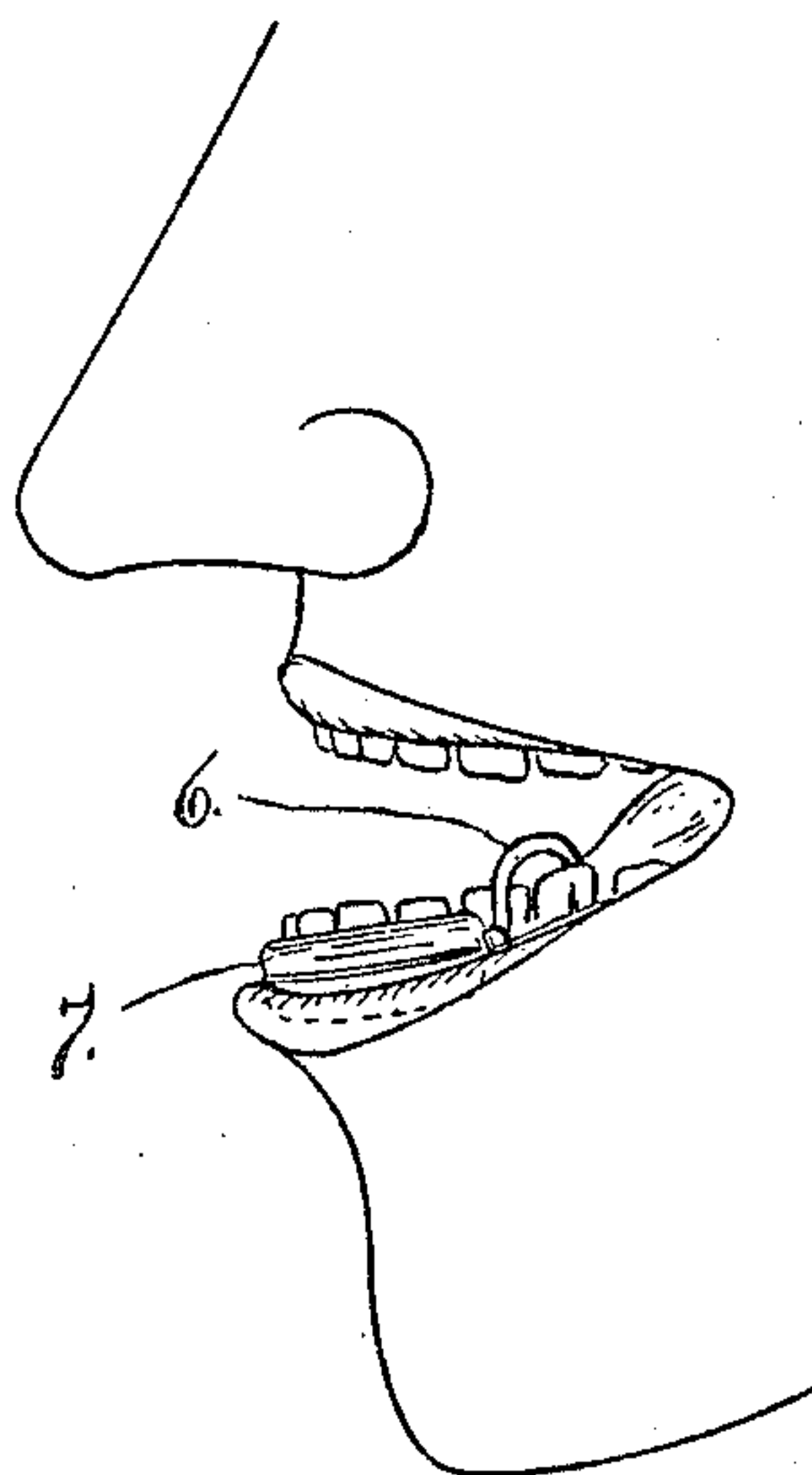


Fig. 1.

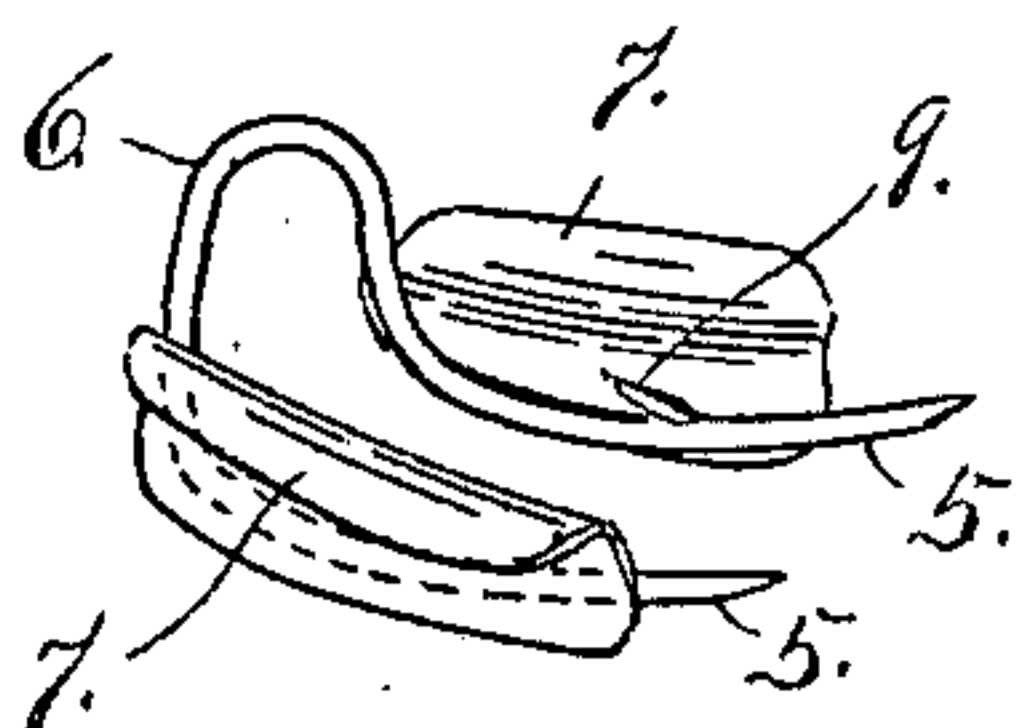


Fig. 3.

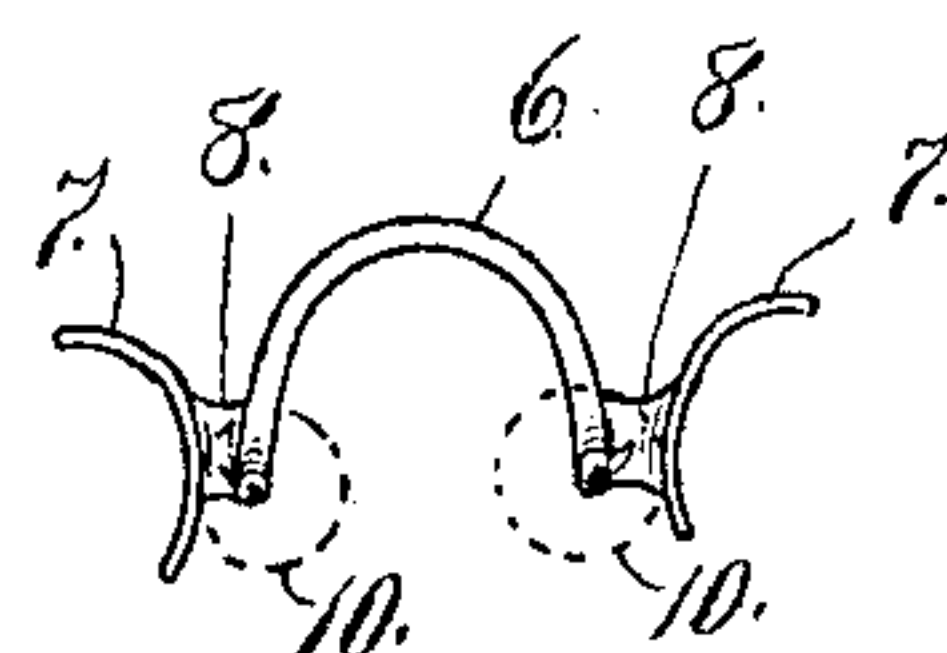


Fig. 4.

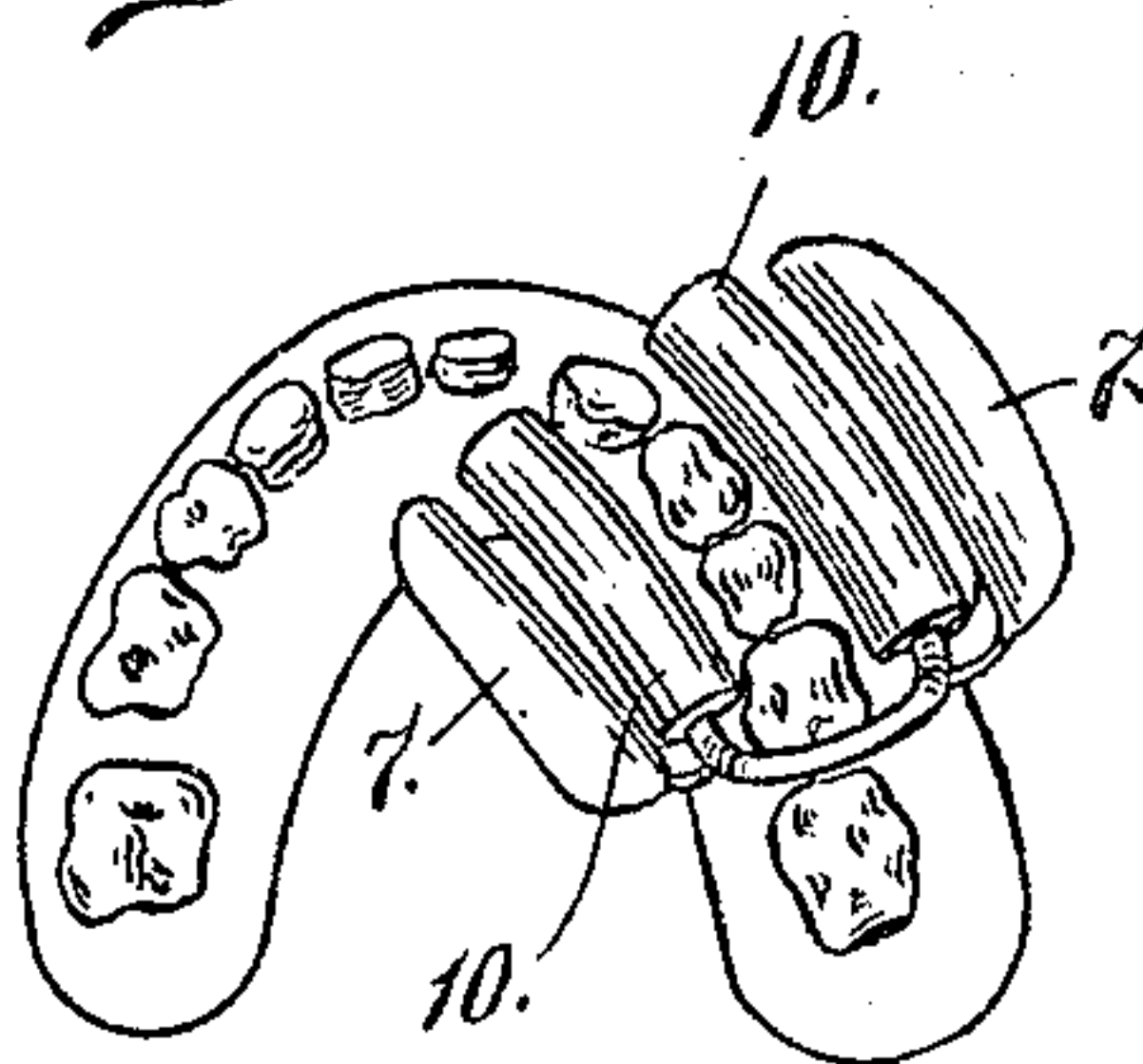


Fig. 2.

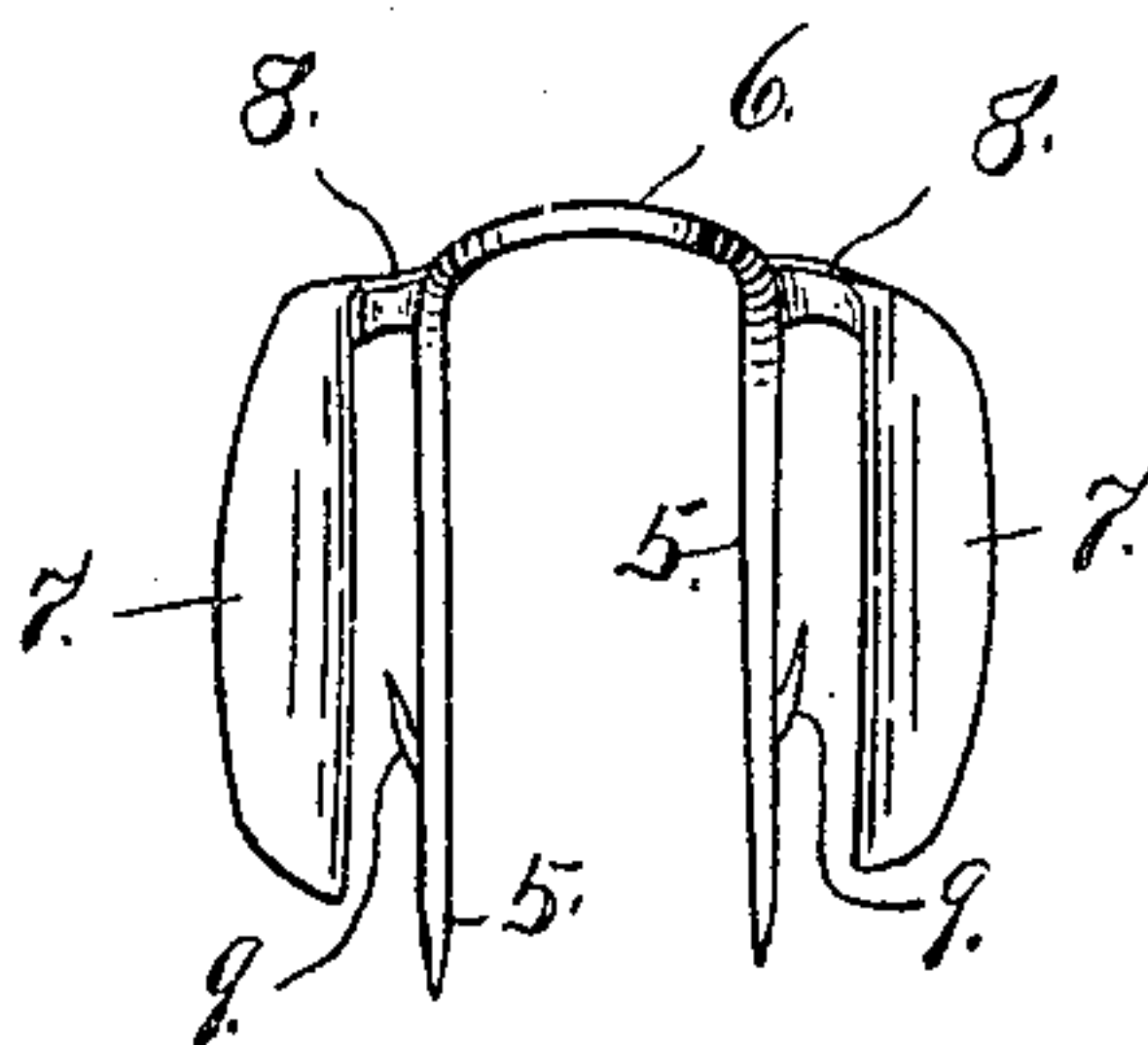


Fig. 5.

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Witnesses

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# UNITED STATES PATENT OFFICE.

RICHARD A. SPRAKE, OF DENVER, COLORADO.

## SALIVA-ABSORBING-ROLL HOLDER AND SHIELD.

No. 803,198.

Specification of Letters Patent.

Patented Oct. 31, 1905.

Application filed August 11, 1905. Serial No. 273,764.

*To all whom it may concern:*

Be it known that I, RICHARD A. SPRAKE, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented a certain new and useful Saliva-Absorbing-Roll Holder and Shield; 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 ap-  
10 pertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to an absorbent-roll holder and shield adapted for use by dentists while filling and treating teeth.

The device is provided with absorbent rolls adapted to occupy positions on opposite sides of the gums and is also provided with shields projecting from the rolls in opposite directions, one shield serving to hold the wall of the mouth outward away from the gums while the other shield holds the tongue away from the gums, thus enabling the operator to  
25 work upon the teeth under much more advantageous circumstances than would otherwise be the case.

The device as shown in the drawings consists of two prongs connected by a bridge or bow, which when in place passes over the row of teeth. The rolls are mounted on the two prongs. The shields are connected with the prongs at the bridge extremity and occupy positions beyond the rolls both out-  
35 wardly and inwardly. Each prong or roll-holder is preferably provided with a barb adapted to prevent the roll from slipping off from the roll-holder when the device is in use. The barb is located at some distance  
40 from the free end of the holding-prong.

Having briefly outlined my improved device, I will proceed to describe the same in detail, reference being made to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figure 1 is a perspective view illustrating my improved device in use. Fig. 2 is a top plan view illustrating the device applied. Fig. 3 is a perspective view of  
50 the device with the absorbent rolls removed. Fig. 4 is an end elevation of the device, show-

ing the position of the rolls in dotted lines. Fig. 5 is a top view of the device with the rolls detached.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate each of two prongs which occupy positions substantially parallel and are connected by a bridge or bow 6, extending upwardly over the teeth, as shown in the drawings. Connected with each prong at the base of the bridge, as shown at 8, is a shield 7, which extends from the bridge in the same direction as the roll-holding prongs and substantially parallel therewith. These shields are preferably curved in cross-section, as shown in the drawings, and they are sufficiently separated from the prongs to make room for the absorbent rolls when applied to the prongs 5. Each  
70 prong is provided with a barb 9, which serves to hold the roll 10 in place when applied.

When in use, the device is placed substantially in the position indicated in Figs. 1 and 2—that is to say, with one of the absorbent rolls 10 on each side of the row of teeth. These rolls serve to absorb or take up the saliva, which otherwise would accumulate in the mouth and interfere with the work of the operator. The shields or wings 7 serve to  
80 keep the wall of the mouth away on one side and the tongue on the opposite side, whereby these members are prevented from interfering with the operator's work.

Having thus described my invention, what I claim is—

1. A device of the class described, comprising roll-holding prongs connected by a bridge-piece, and shields located on opposite sides of the prongs and separated therefrom for the purpose set forth.

2. A device of the class described, comprising separated prongs connected by a bridge, the latter being bent to occupy a position substantially perpendicular to the prongs, absorbent rolls mounted on the prongs, and shields located on opposite sides of the rolls, the said shields being connected with the prongs at the base of the bridge.

3. A device of the class described, comprising two separated prongs provided with barbs, a bridge connecting the prongs and



occupying a position substantially perpendicular to the prongs, each prong being provided with a barb pointed toward the bridge, absorbent rolls mounted on the prongs and  
5 held in place by the barbs, and shields or wings connected with the prongs at the base of the bridge and occupying positions substantially parallel with the prongs but suffi-

ciently separated therefrom to make room for the rolls. 10

In testimony whereof I affix my signature in presence of two witnesses.

RICHARD A. SPRAKE.

Witnesses:

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