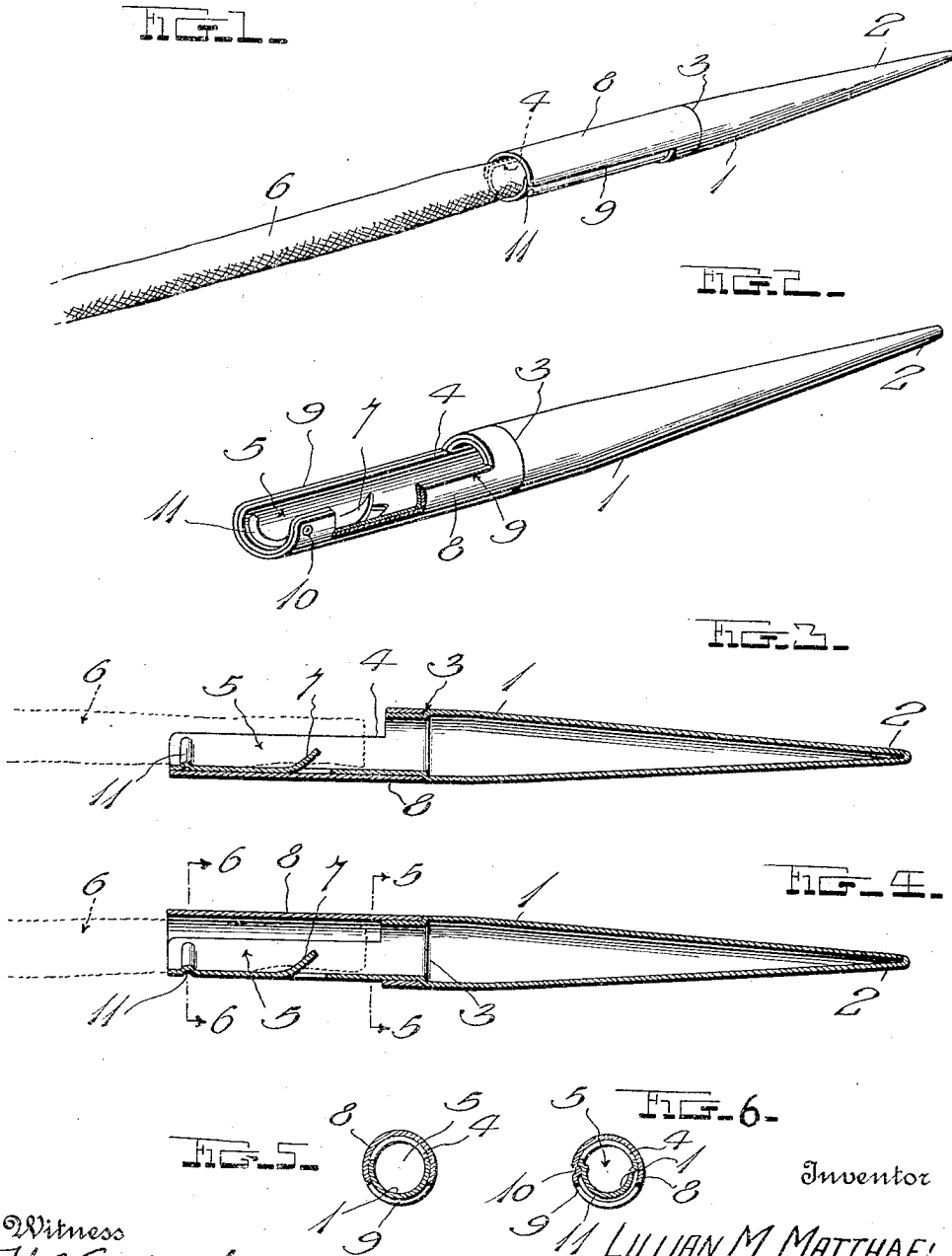


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BODKIN.
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1,337,480.

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BODKIN.

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To all whom it may concern:

Be it known that I, LILLIAN M. MATTHAEI, citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Bodkins; 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.

My invention has for its principal object to provide an extremely simple and inexpensive bodkin which may be used with ease for running ribbon through lace, or for carrying any kind of a tie or the like through a series of openings, provision being made to effectively attach the bodkin to the tie and to prevent the former from catching upon the material through which it is being laced.

A further object is to provide for the attachment and detachment of the device to the tie, without the necessity of inserting the latter through an opening in the former.

With the foregoing in view, the invention resides in the novel construction hereinafter described and claimed.

Figure 1 of the accompanying drawing is a perspective view showing the bodkin applied to the end of a tie.

Fig. 2 is a perspective illustrating the relation of parts when attaching or detaching the bodkin.

Figs. 3 and 4 are longitudinal sections showing the retaining sleeve respectively in inoperative and operative positions.

Figs. 5 and 6 are transverse sections on the planes indicated by the lines 5—5 and 6—6 of Fig. 4.

In the drawings above briefly described, the numeral 1 designates a tube formed of sheet metal, celluloid, or any other suitable material, the front end of said tube being pointed at 2 while its rear end is reduced in diameter, a shoulder 3 being formed at the juncture of the front and rear portions of said tube. In rear of the shoulder 3, approximately half the diameter of the tube 1 is cut away at 4 to leave a channel 5 adapted to receive the end of a ribbon or any other tie or the like 6, and a suitable prong 7 is provided in said channel to penetrate the tie and prevent endwise slippage thereof from the bodkin. The prong 7 may be formed by stamping a part of the tube 1 in-

wardly, but it could well be of a separate piece of material suitably secured in place.

A second tube 8 rotatably surrounds the rear end portion of the tube 1 and abuts the shoulder 3, approximately one half the diameter of said second tube being cut away at 9 for registration with the cut away part 4 of the tube 1, and it will thus be seen that when the two openings are registered as shown in Figs. 2 and 3, the tie 6 may be easily inserted into or removed from the channel 5. By turning the half sleeve or tube 8 to the position shown in Figs. 1 and 4, however, lateral shifting of the tie from the channel will be positively prevented.

To prevent endwise slippage of the tube 8 from the tube 1 and at the same time limit the opening and closing movement of said tube 8, the rear end of the latter is provided with an inwardly stamped projection 10 which is received in a circumferential groove 11 formed by stamping the rear end of tube 1. This arrangement is seen most clearly in Figs. 2 and 6.

By constructing the device in or approximately in the manner shown, it may be easily and inexpensively manufactured and marketed, yet will be highly advantageous and efficient. Since probably the best results may be obtained from the specific details disclosed, they may well be followed, but within the scope of the invention as claimed, considerable latitude is allowed for making numerous minor changes.

What I claim is:—

1. A bodkin comprising a pointed body having in its rear end a channel to receive the end of a tie, a prong in said channel to hold the tie against endwise slippage therefrom, and a half-sleeve rotatable on said rear end of said body and adapted to close the open side of said channel after insertion of the tie.

2. A bodkin comprising a tube open at its rear end and pointed at its front end, approximately half of the diameter of said tube being removed at said rear end, leaving a channel to receive the end of the tie, a prong in said channel to hold the tie against endwise slippage therefrom, a second tube rotatable upon the rear end of said first named tube and adapted to normally close the open side of said channel to prevent removal of the tie, one side of said second tube being cut away for registration with

the open side of the channel when inserting or removing the tie.

3. A structure as specified in claim 1, said body having a circumferential groove and
5 said half-sleeve having a projection in said groove to limit the turning of said half-sleeve.

4. A structure as specified in claim 2, the rear end of said first named tube being reduced in diameter to dispose the exterior of
10 the front portion of said tube flush with the exterior of the second tube, a shoulder

being formed at the juncture of the two diameters of said first named tube, against which the front end of the second tube
15 abuts, the rear end of the one tube having a circumferential groove and the other having a projection received in said groove to limit relative turning of the two tubes and to prevent relative longitudinal movement
20 thereof.

In testimony whereof I have hereunto set my hand.

LILLIAN M. MATTHAEI.