

(No Model.)

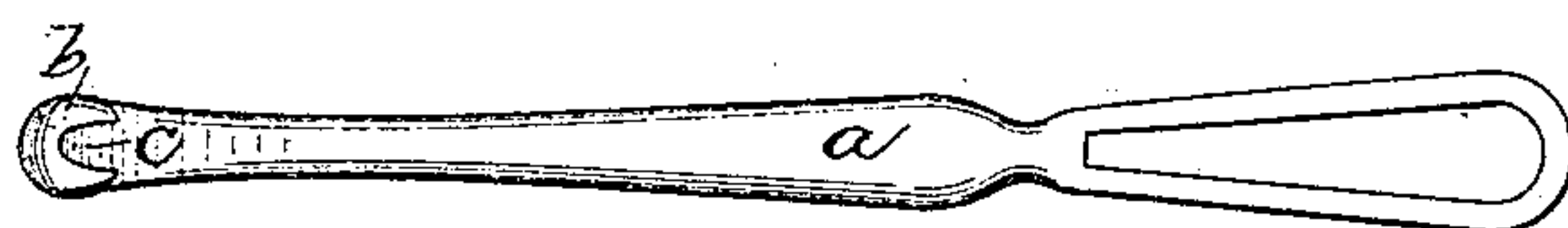
N. PYLES.

BUTTONER.

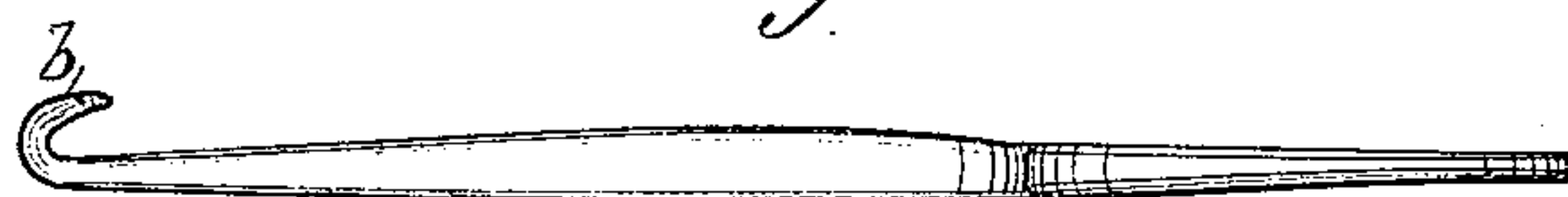
No. 246,198.

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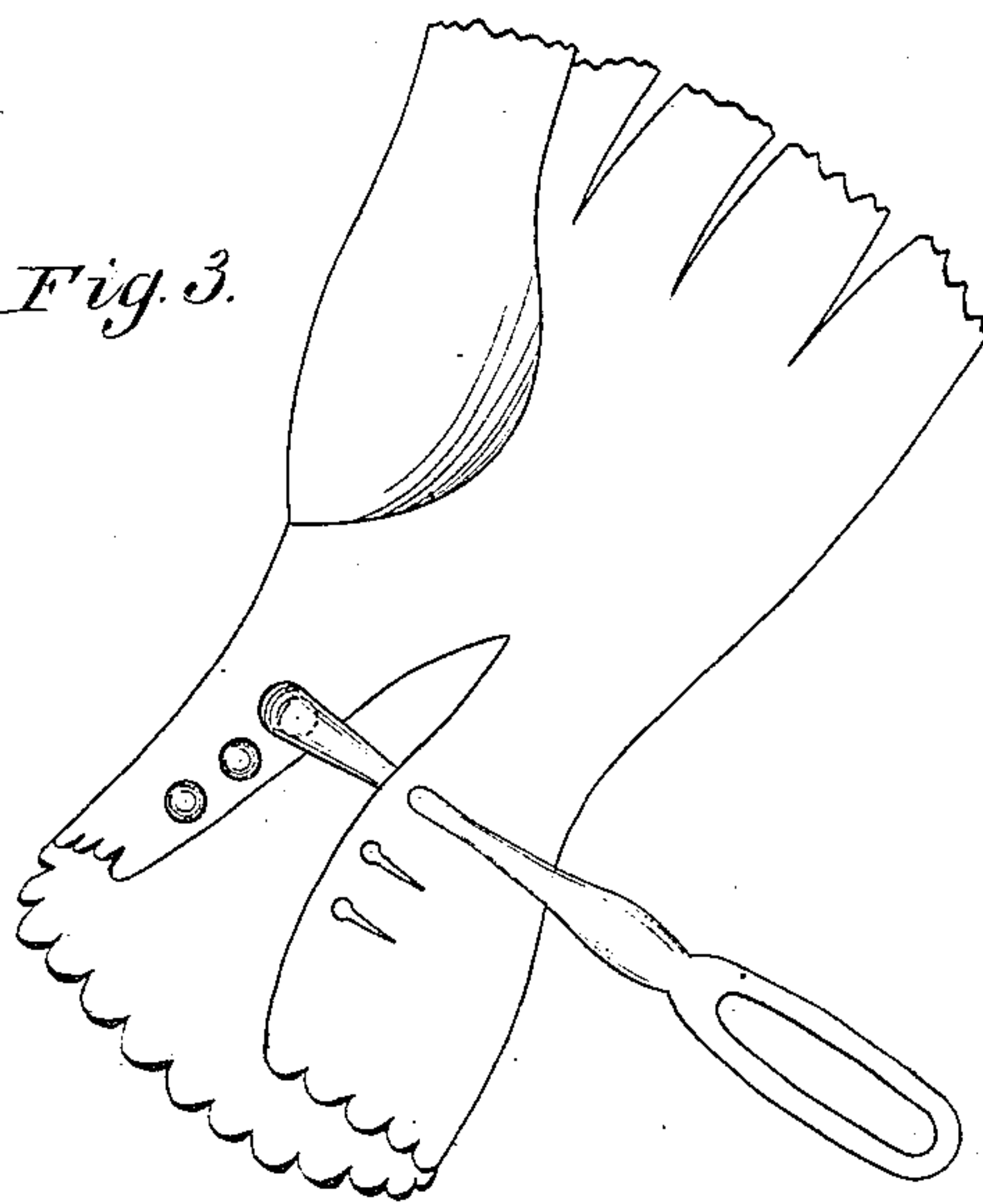
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

NATHANIEL PYLES, OF WESTPORT, MISSOURI.

## BUTTONER.

SPECIFICATION forming part of Letters Patent No. 246,198, dated August 23, 1881.

Application filed May 26, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, NATHANIEL PYLES, of Westport, in the county of Jackson and State of Missouri, have invented a new and useful  
5 Improvement in Glove-Buttoners, of which the following is a full, clear, and exact description, reference being had to the drawings hereto annexed.

The object of my invention is to furnish a  
10 glove-buttoner whereby a glove may be buttoned without stretching or tearing the button-hole or twisting off the button; and my invention consists in a certain peculiarity of construction, as hereinafter described.

15 In the accompanying drawings, Figure 1 is a bottom view of my improved buttoner; Fig. 2, a side view, and Fig. 3 is a view showing the manner of using the buttoner.

As ordinarily constructed glove-buttoners  
20 have been made in the form of simple hooks, by which the button is twisted through the button-hole by means of a horizontal movement of the handle. By thus using the sides of the button-hole as a fulcrum they are soon  
25 worn away and need to be repaired; besides, in wrenching the button through the hole, the threads by which it is secured to the glove are twisted first one way and then another until the button is finally broken off.

30 To overcome the above-mentioned objections I construct a buttoner of the following description: The shank *a* is made tapering from the end to the center, and of sufficient width at the end to hold the button-hole open while  
35 drawing the button through. The said end terminates in a downward projection to form the broad hook *b*, which is designed to inclose the button on top and partially on the under side. The lower or under portion of the said  
40 hook is provided with a central slot, *c*, made sufficiently large to admit the thread by which the button is secured to the glove, so that the button shall be securely clasped or seized by the hook on all sides except one. The shank  
45 *a* on the under side is beveled or planed from the center to the horizontal angle of the hook *b*, in order to accommodate the passage of the button into the hook as the buttoner is drawn toward the operator. This angle is grooved  
50 out so as to fit the periphery of the button, thus forming a snug seat, whereby the button

is held in a perfectly rigid manner, and all twisting or turning to one side prevented. The upper surface of the shank is rounded, as is also the exterior of the hook, and from the end  
55 of the shank to the lower portion of the hook the outer surface is slightly beveled, in order to allow the hook to be easily passed back from the button and over the edge of the button-hole after the button has been drawn  
60 through.

The buttoner is operated in the following manner: Pass the shank through the button-hole with the hook downward; place the under  
65 side of the shank on top of the button and draw the buttoner toward you until the button slides into its seat in the hook or claw; then with the thumb or forefinger of the hand in which the instrument is held push the button-hole toward the end of the shank and draw  
70 the buttoner toward you at the same time. The button-hole will thus pass over the end of the shank, and by a backward movement of the buttoner the latter will slip from off the button and over the top of the button-hole,  
75 leaving the glove buttoned. In this manner the glove may be buttoned without strain upon either the button or button-hole.

I am aware of the existence of a buttoner having a bifurcated claw for lifting a button  
80 through a button-hole by oscillating the handle in a vertical plane; but the operation of this device in its intended manner requires that the edge of the button-hole shall be used as a fulcrum, which is one of the objections I  
85 desire to overcome, since it tends to wear and otherwise injure the stitching of the button-hole.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a glove-buttoner, a broad slotted hook having its inner portion grooved out to fit the periphery of a button, whereby the button may  
95 be rigidly held in a horizontal position while the button-hole is being passed over the end of the buttoner, substantially as shown and described, and for the purpose specified.

NATHANIEL PYLES.

Witnesses:

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