

(No Model.)

2 Sheets—Sheet 1.

G. LAUBE.
TRACE HOLDER.

No. 572,487.

Patented Dec. 1, 1896.

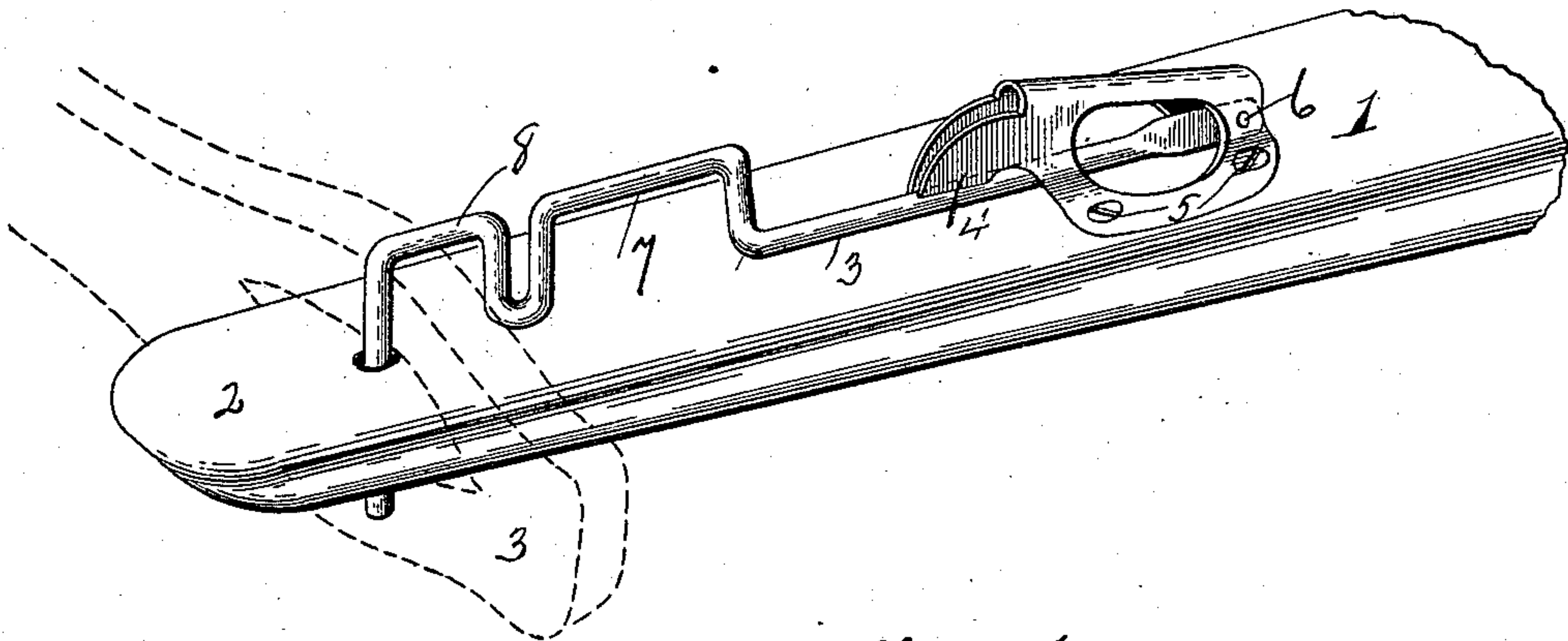


Fig. 1.

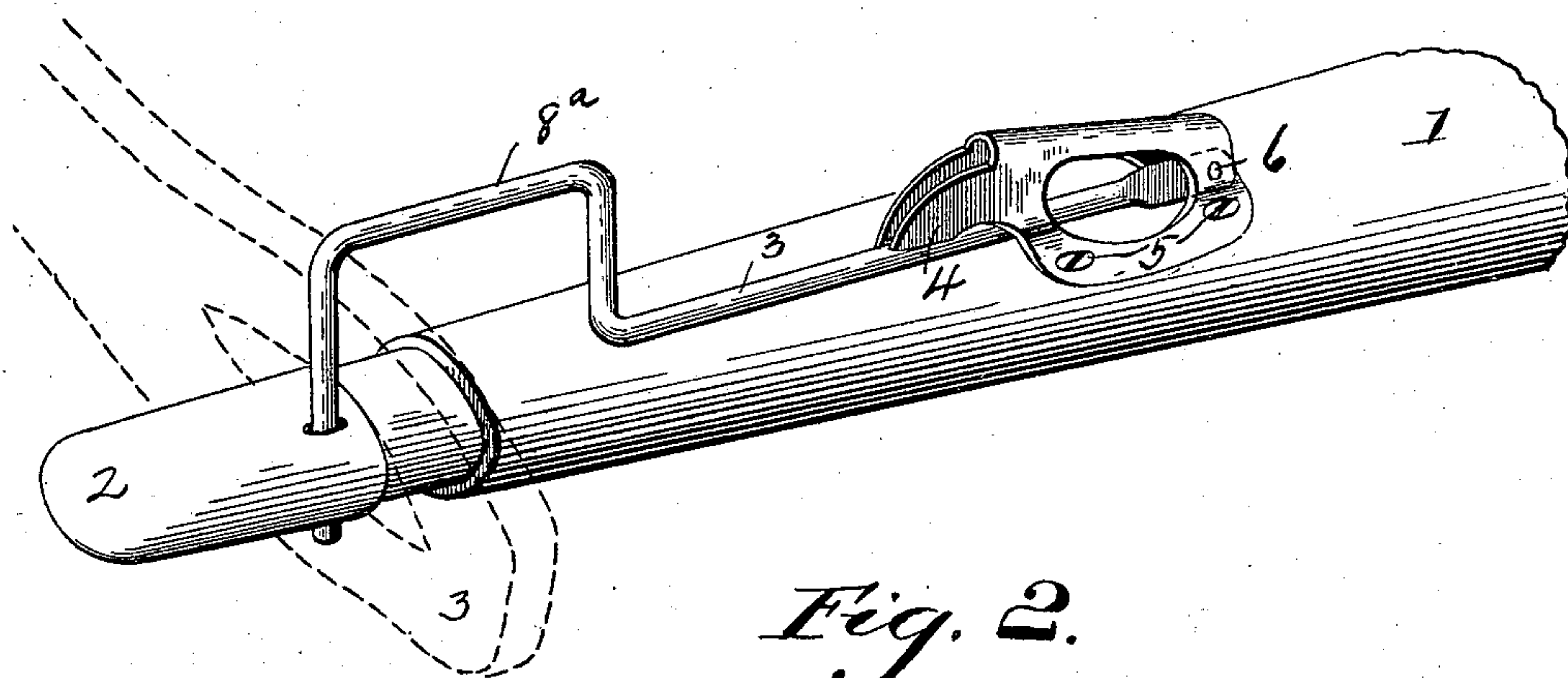


Fig. 2.

Witnesses:

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G. H. Hapeman
att

(No Model.)

2 Sheets—Sheet 2.

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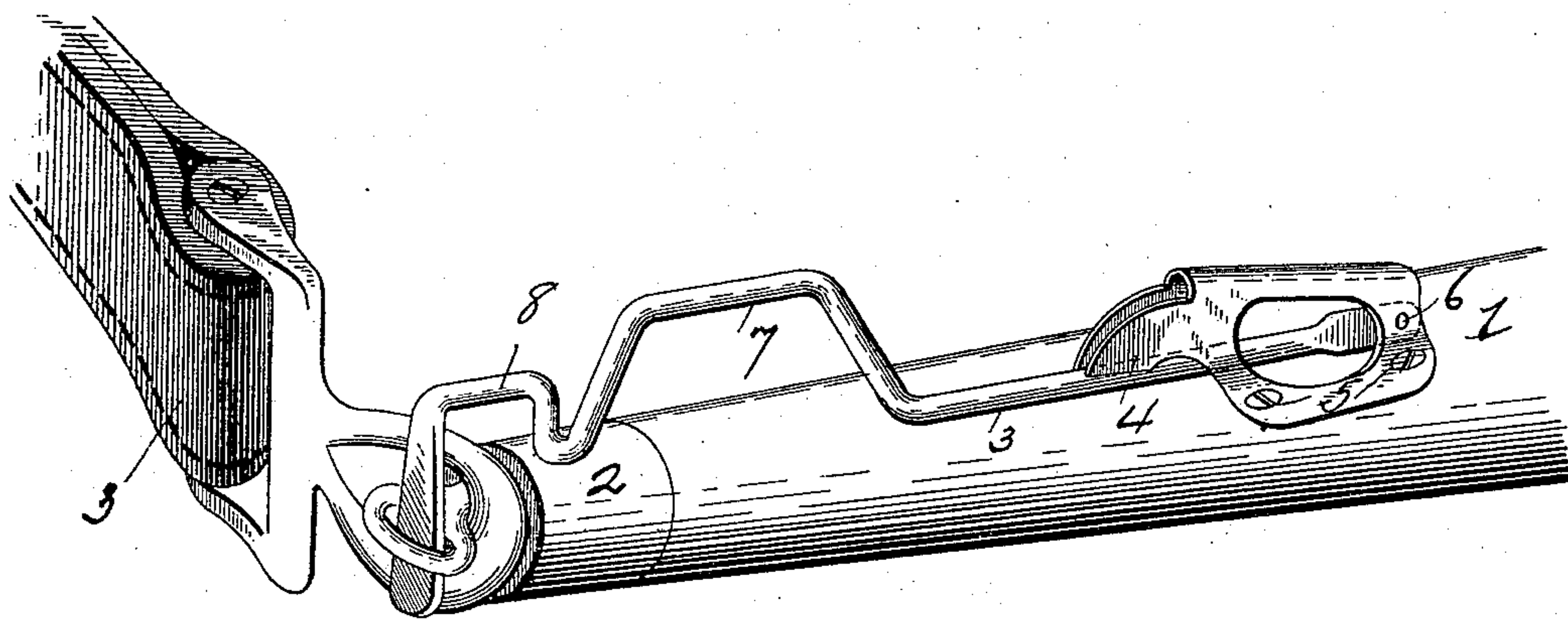


Fig. 3.

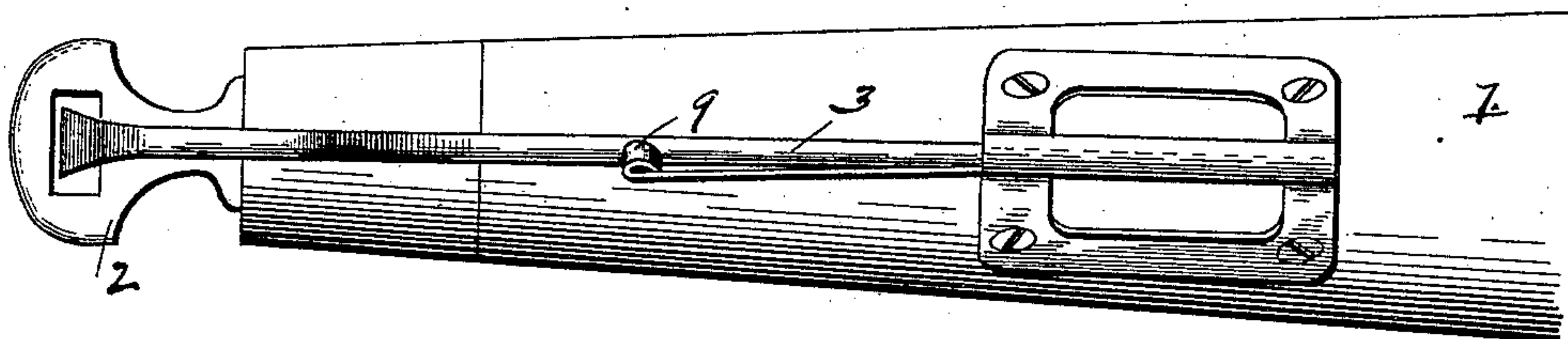


Fig. 4.

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UNITED STATES PATENT OFFICE.

GODFRIED LAUBE, OF HURON, SOUTH DAKOTA, ASSIGNOR OF ONE-HALF
TO A. VANDENBURG, OF SAME PLACE.

TRACE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 572,487, dated December 1, 1896.

Application filed September 9, 1896. Serial No. 605,245. (No model.)

To all whom it may concern:

Be it known that I, GODFRIED LAUBE, a citizen of the United States of America, residing at Huron, in the county of Beadle and State of South Dakota, have invented certain new and useful Improvements in Trace-Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The object of this invention is to produce an improved trace-holder which will prove a safe means for holding the trace in engagement with the singletree ends, providing means also whereby a disengagement of the
15 retaining device may be readily accomplished. Furthermore, the object of the invention is to make the retaining device in a manner to prevent the rattling of the parts when rough roads are encountered.

20 With the above and other objects in view the invention consists in the novel details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and specifically claimed.

25 In describing the invention in detail reference is had to the accompanying drawings, forming part of the specification, wherein like characters of reference denote corresponding parts in the several views, in which—

30 Figures 1, 2, and 3 are views in perspective showing my improved trace-retainer applied to a singletree, the several views illustrating varying forms of ends. Fig. 4 is a plan view of another form of spring by which the retaining-arm is held in engagement with the
35 eye.

In the accompanying drawings, 1 indicates the singletree, 2 the ends thereof, and 3 the traces to be applied to the ends.

40 The arm 3 is pivoted to a combined support for the pivotal pin and catch for the holding-arm. This device consists in a piece of resilient metal blanked to produce extensions 4, curved slightly, with the ends so beveled
45 that they will engage and hold the arm when in the position illustrated in the drawings. The base portion is provided with apertures for the screws 5, by which it is attached to the singletree. The extensions converge at

their lower edge and rest on the arm at each side of the center so that they will spread as the arm is elevated on its pivotal pin 6.

The outer end of the arm, as shown in Fig. 1, is bent to produce a finger-hold by the loop 7 and the loop 8, this latter serving also to prevent the trace from slipping toward the center. The end of the arm is bent at right angles and enters the eye formed in the singletree.

In Fig. 2 the singletree is grooved to receive the trace, and the large loop 8^a acts as a finger-grip, extends over the trace, and the extension or end enters the eye of the singletree, as before explained.

In Fig. 3 the arm is adapted for engagement with a metallic end for the singletree, and is similar in construction to that shown and described in connection with Fig. 1.

In Fig. 4 the arm is pivoted as before, but instead of having two extensions one is here shown, consisting of an extension having a laterally-curved end 9, the lower edge of the enlarged portion engaging the arm, such engagement being broken when the extension is moved laterally, by which it differs from the former construction in that by the other forms the edges of the extension will not ride over the curved surface of the arms as they are elevated.

In view of these varying forms it will be apparent that various changes might be made in the proportions and other details of construction without departing from the spirit of my invention.

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

1. In a device of the character described, a piece of sheet metal bent to form a housing, ears formed with said housing for attachment to a singletree, an arm pivoted to said housing, said arm being bent to form a loop and having its end bent at right angles to the body, curved extensions formed with the housing, said extensions being beveled along their lower edges, as and for the purpose described.

2. A trace-holder consisting of a piece of sheet metal bent to form a housing, ears

formed with said housing for attachment with
the singletree, an arm pivoted in said hous-
ing, said arm having its outer end bent at
right angles to the body, an extension formed
5 with said housing, said extension having a
curved end to engage said arm and hold it in
a closed position, substantially as described.

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

GODFRIED LAUBE.

Witnesses:

ANNIE T. LAUBE,

HATTIE ROSE LAUBE.