

No. 874,132.

PATENTED DEC. 17, 1907.

M. STERNBERG.
HOSE SUPPORTER.

APPLICATION FILED DEC. 22, 1906.

FIG. I.

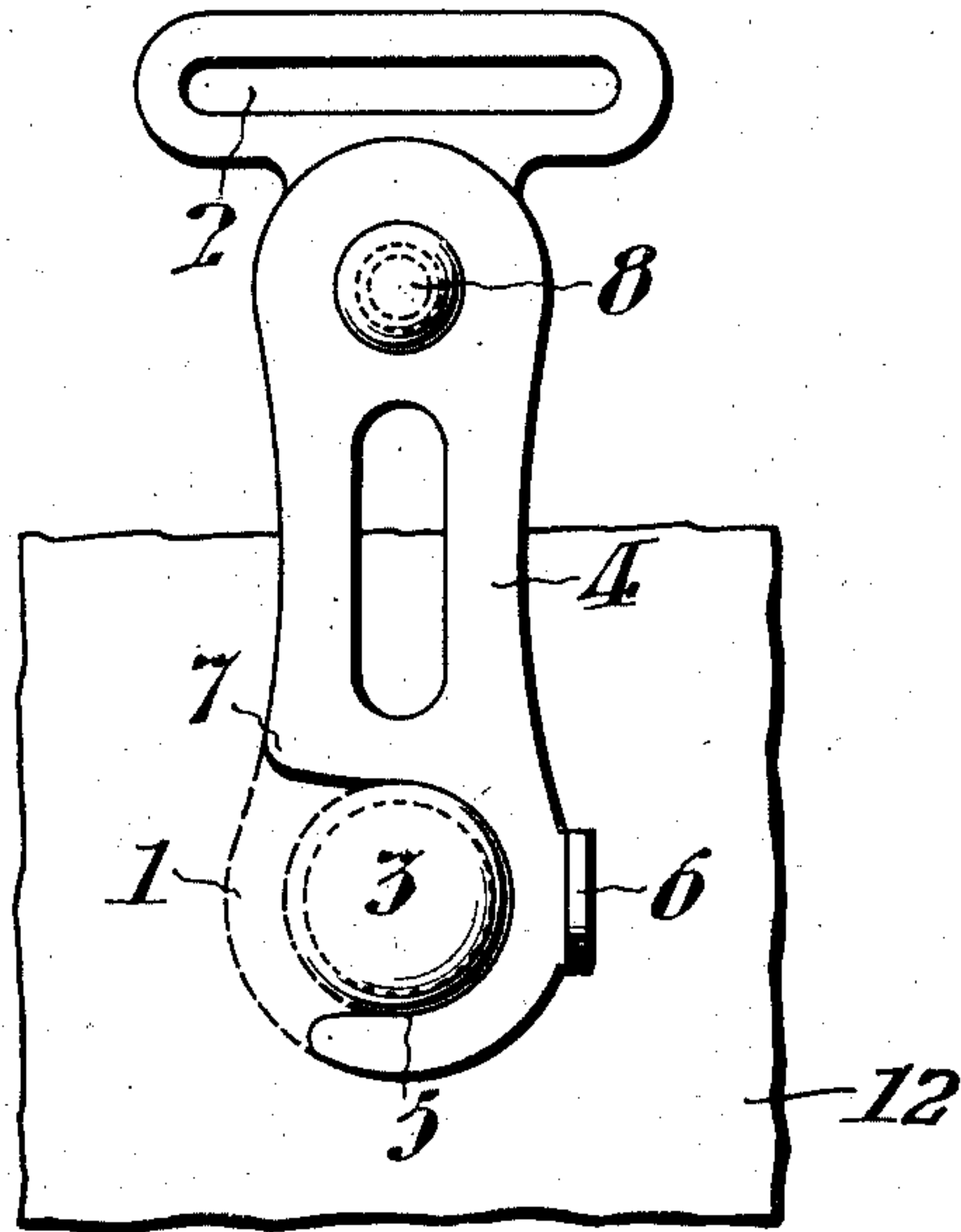


FIG. II.

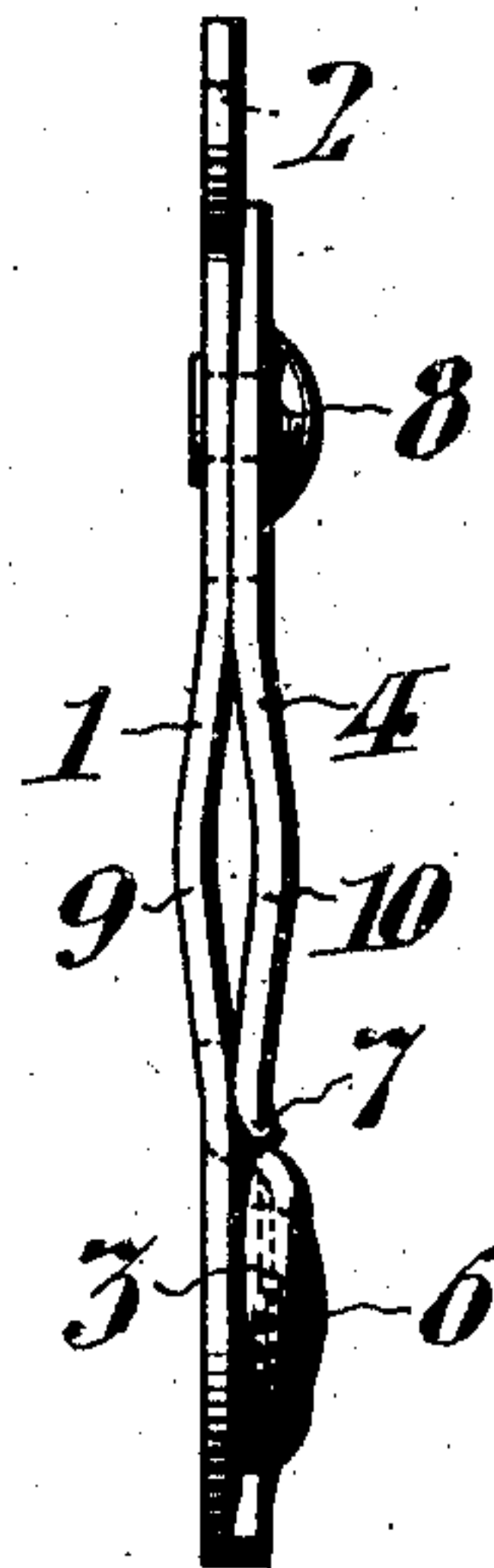
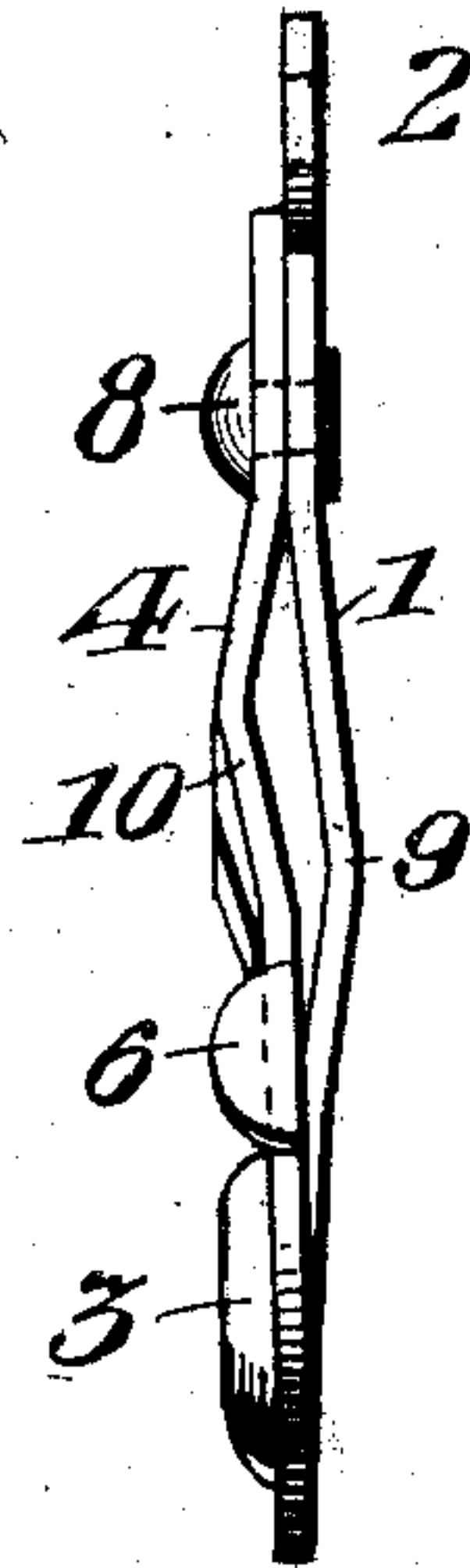


FIG. III.



Witnesses
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UNITED STATES PATENT OFFICE.

MARC STERNBERG, OF PHILADELPHIA, PENNSYLVANIA.

HOSE-SUPPORTER.

No. 874,132.

Specification of Letters Patent.

Patented Dec. 17, 1907.

Application filed December 22, 1906. Serial No. 349,026.

To all whom it may concern:

Be it known that I, MARC STERNBERG, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Hose-Supporters, whereof the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in hose supporters; more particularly to the sheet metal clasp which is fastened to the hose.

The general object of my invention is to produce a clasp having effective means for easily and securely attaching the clasp to and detaching it from the top part of the hose or similar material without injuring the same; and it consists in the improved construction and novel arrangement of parts, as will be hereinafter more fully set forth.

In the accompanying drawings, Figure I, is a plan view showing the hose supporter in closed position applied to a garment. Fig. II, is a side elevation of the supporter looking from the left of Fig. I. Fig. III, is a side elevation of the supporter when in open position and viewed from the right of Fig. I.

In said figures, 1, is a sheet metal plate provided at its upper end with a slot 2, to receive the usual elastic band for holding the supporter. At the lower end of the plate 1, is struck up the projection 3, over which the hose is adapted to be placed when it is to be clasped by the supporter. Pivoted to the plate 1, by means of a rivet 8, is a movable jaw 4; this jaw is provided with a recess 5, opening to one side and fitting around the projection 3. This jaw is also provided with a finger hold 6, opposite the recess 5.

As will be seen by referring to Fig. II, the plate 1, and jaw 4, are both provided with oppositely disposed bends 9, and 10, and the jaw is also offset with respect to the plate 1, so that its lower surface is below the upper surface of the plate 1, when the structure is in open position (as shown in Fig. III.) On account of this when the jaw 4, is moved over the plate 1, they are both forced into frictional engagement around the projection 3, thereby tightly clamping the hose 12 which has been placed over this projection. The corner 7, at the inner end of the recess 5, in the jaw 4, is turned upward slightly as will be seen in Fig. II, to enable the jaw to ride easily upon the plate 1, at the beginning of the closing movement.

In operation the device is secured to the usual supporting band which passes through the slot 2, in the plate 1. The hose 12 is placed over the projection 3; the welt on its upper edge lying in the hollow formed by the bends 9, and 10, when the jaw has been moved to the closed position. As a result of thus shaping the plate and jaw with these bends 9, and 10, they are firmly forced together under the spring action thereby produced, and the hose is securely clamped between them and around said projection.

The size of the structure and the thickness of the material from which it is made may be varied to suit various requirements.

I claim:—

1. In a hose supporter, the combination with a plate provided with means for receiving a band support and a projection over which the hose is adapted to be placed; of a movable jaw pivoted to said plate and provided with a recess opening through one edge thereof, for clamping the hose firmly about said projection and between said jaw and plate.

2. In a hose supporter, the combination with a sheet metal plate having a projection over which the hose is adapted to be placed; of a sheet metal jaw pivoted to said plate and provided with a recess opening through one edge adapted to fit around said projection, said pivoted jaw being slightly bent so as to have frictional engagement with said plate around said projection.

3. In a hose supporter, the combination of a sheet metal plate provided with a projection over which the hose is adapted to be placed, said plate being bent to form a hollow substantially midway its length; a sheet metal jaw pivoted to said plate and provided with a recess in one side adapted to fit around said projection, said jaw being also bent to form a hollow oppositely disposed to the hollow in the plate, whereby said plate and jaw are adapted to be frictionally engaged about said projection.

In testimony whereof, I have hereunto signed my name, at Philadelphia, Pennsylvania, this twentieth day of December 1906.

MARC STERNBERG.

Witnesses:

BERTHA E. LOESCH,
JAMES H. BELL.