

No. 814,808.

PATENTED MAR. 13, 1906.

T. A. SEITZ.
LINE HOLDER.

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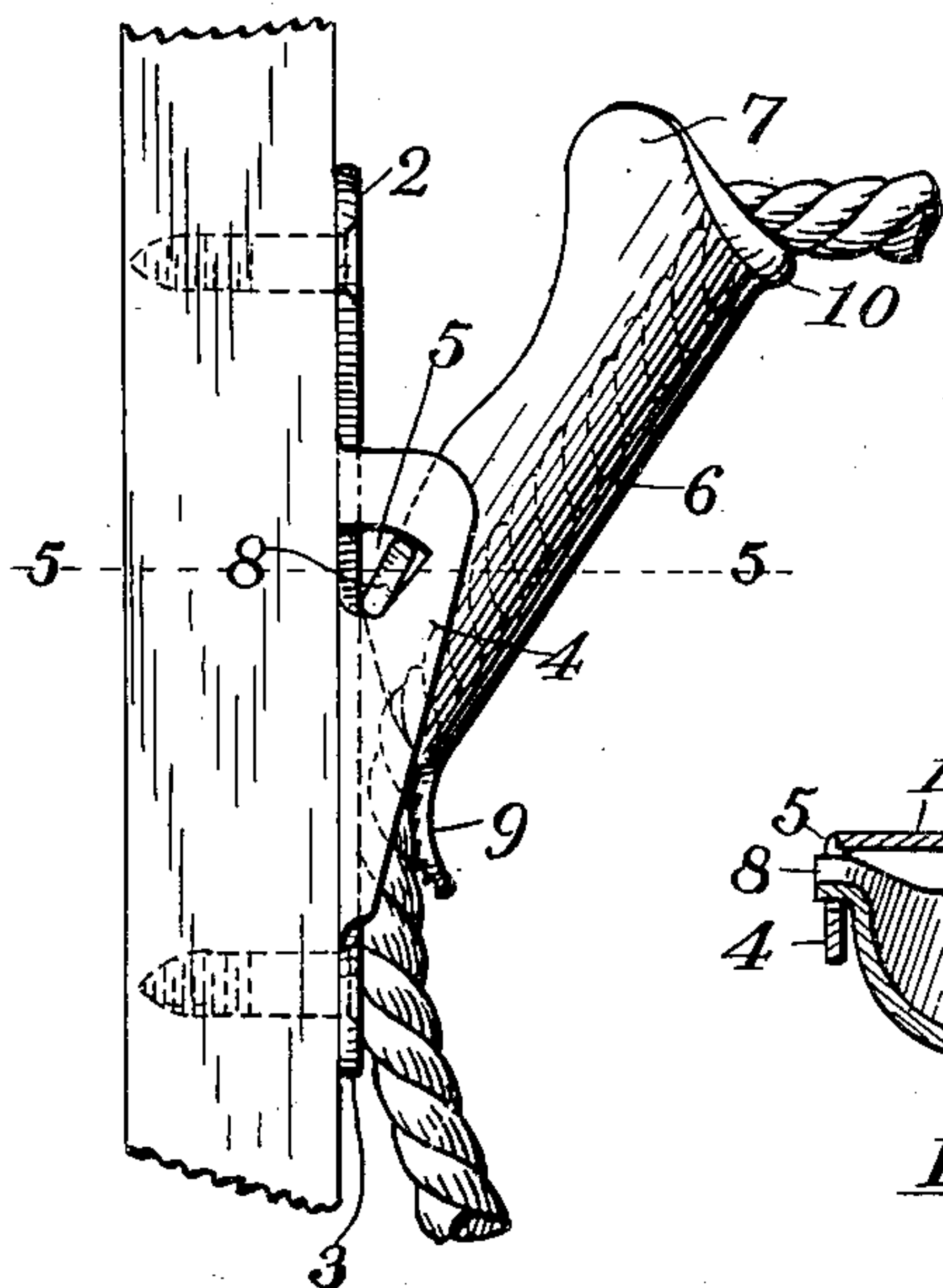


Fig. 1.

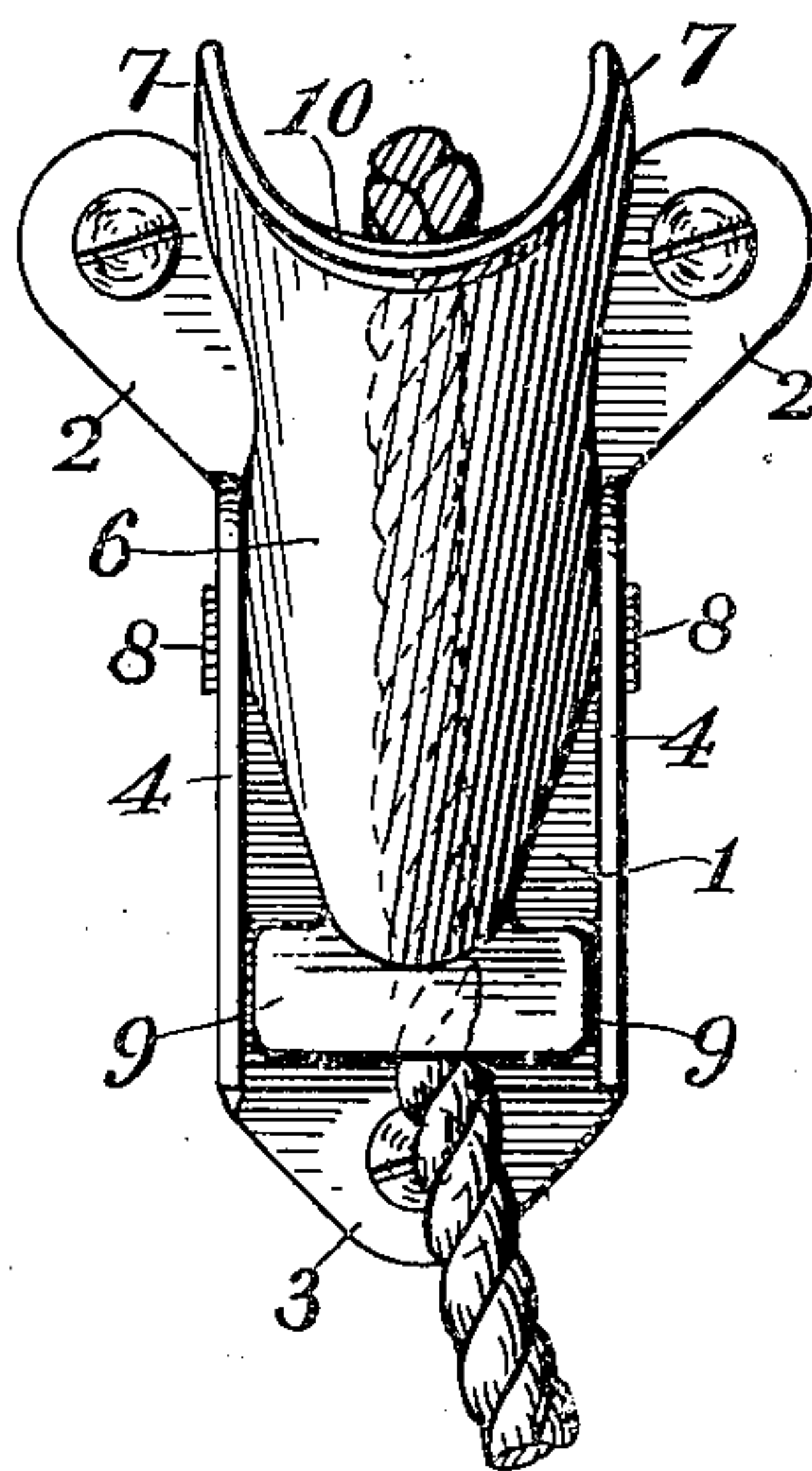


Fig. 2.

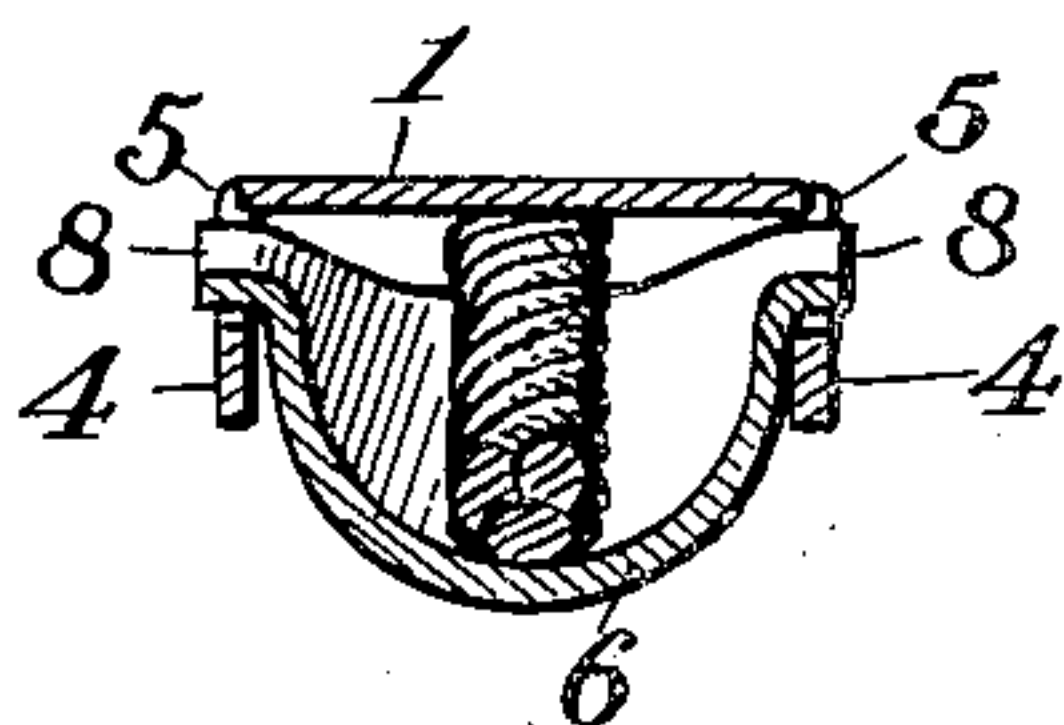


Fig. 5.

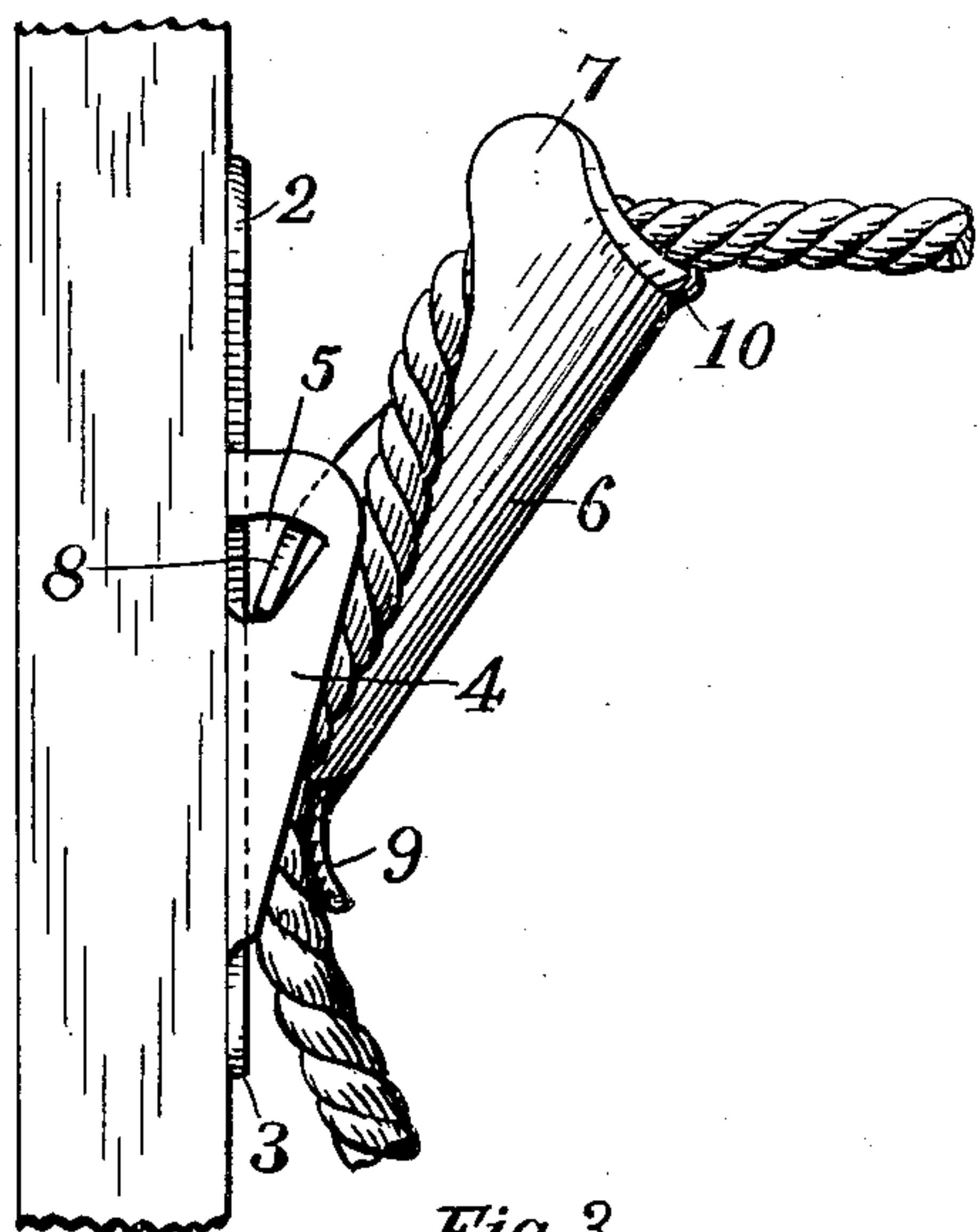


Fig. 3.

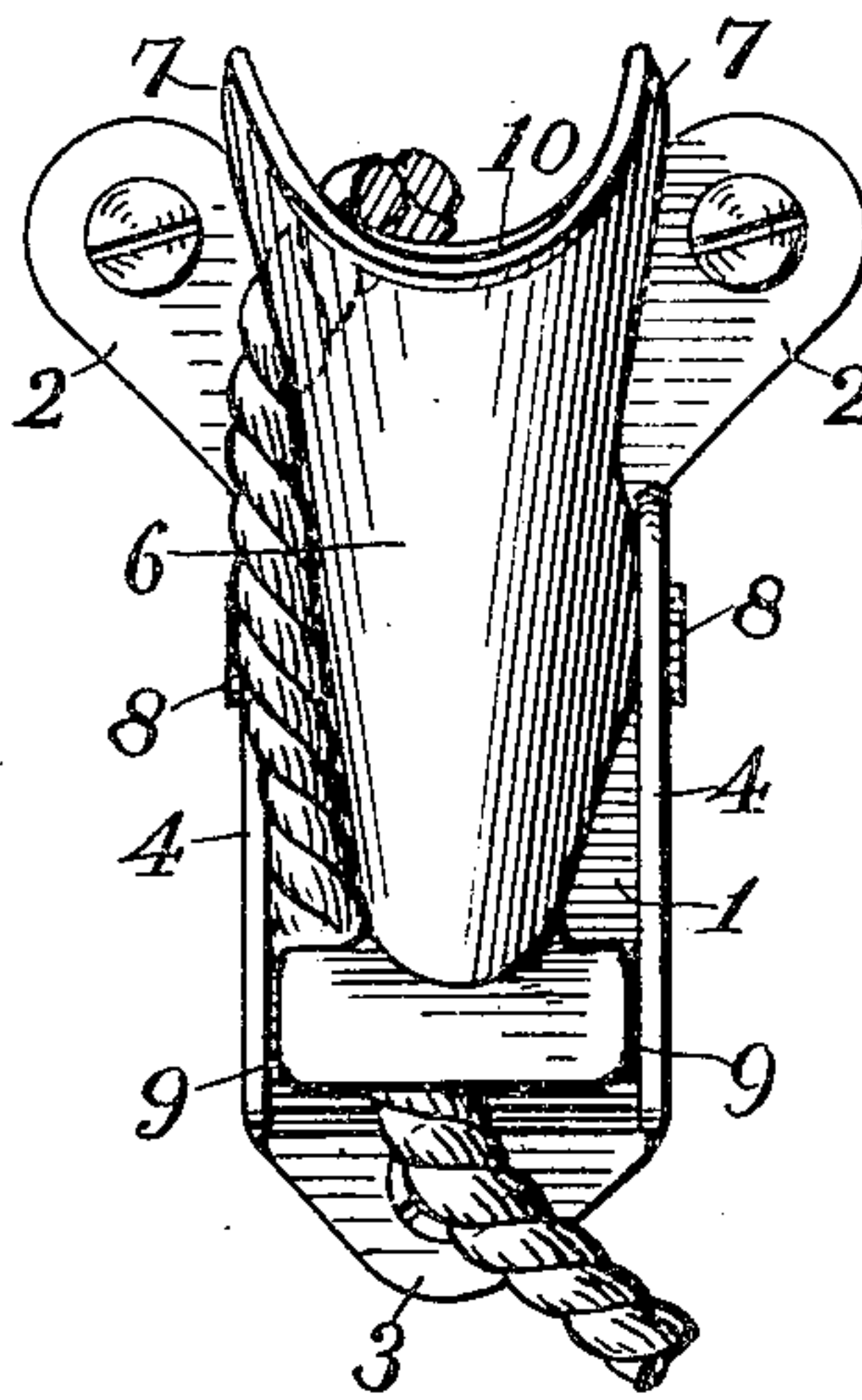


Fig. 4.

Witnesses

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LINE-HOLDER.

No. 814,808.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THEODORE A. SEITZ, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Line-Holders; and I do hereby 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 relates to improvements in line-holders, and more particularly to the same for holding clothes-lines and the like; and its object is to provide a cheap and serviceable device that can be made of stamped sheet metal, to provide a device that will hold the line in two different positions, as occasion requires, and to provide the device with various new and useful features herein-after more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of the device with the line rove through the same; Fig. 2, a front elevation of the same; Fig. 3, a side elevation of the device with the bight of the line inserted laterally in the same; Fig. 4, a front elevation of the same; Fig. 5, a horizontal section on the line 5 5 of Fig. 1.

Like numbers refer to like parts in all of the figures.

The bed-plate of the device consists of a substantially rectangular middle portion 1, having upwardly - extended and diverging portions 2 2 and a downwardly - extended rounded portion 3, each extension being provided with suitable openings for screws to secure the bed-plate to any suitable support. At each side of the middle portion 1 is a flange 4, bent at right angles to the bed-plate and projecting outward in parallel planes. These flanges are widest at the upper end and taper downward and near the upper end are provided with opposing segmental openings 5, the apex of each opening being downward and one side of the opening parallel with the bed-plate. A gripping-lever is pivoted in these openings, the body portion 6 of which is substantially in the form of a portion of a hollow truncated cone and provided at the upper end with upwardly-extended portions or horns 7 to embrace and retain the line and a concave and rounded portion 10 therebetween to support the line without chafing the

same. Projecting from each side of this lever are outwardly-extended portions 8 of the plate forming the lever and having a width substantially equal to the radial dimensions of the openings 5, whereby pivot-lugs are formed of sufficient strength from sheet metal. These lugs rest in the lower angles of said openings and are pivoted therein and turn in the openings about their lower edges. A laterally-extended gripper 9 is formed on the lower end of the lever and provided with a convex inner surface to engage the line and clamp the same against the bed-plate. This gripper 9 and the bed-plate opposite the same are corrugated transversely to more effectually hold the line.

In operation the line may be rove through the device by inserting the end downward between the lever and bed-plate, as in Figs. 1 and 2. It is sometimes desirable, however, to be able to hold the middle portion or bight of the line without reeving a considerable portion of the line through the device, in which event the line may be inserted laterally between the gripper and bed-plate and thence extended alongside of the lever and placed between projections 7 and resting on the rounded edge 10. It can be thus secured by this device, if so desired, without the delay and trouble of hauling one end of the line through the device.

A line that is spliced in a closed circuit can also thus be inserted and held, which would not be possible with the arrangement shown in Figs. 1 and 2. In either arrangement the outward and downward pull on the lever by engagement of the line with its upper concave end firmly clamps and holds the line between the gripper 9 and the bed-plate 1.

When the line is inserted laterally, as in Figs. 3 and 4, the lower part of the flange brings opposite the end of the gripper, holds the line in place under the end of the gripper, and when arranged as in Figs. 1 and 2 the concave lower end of the lever holds the line from lateral displacement.

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

1. In a line-holder, a sheet-metal structure comprising a bed-plate, parallel flanges projecting at right angles from the opposite sides of the bed-plate and provided with sector-shaped openings, a lever having the form of the portion of a hollow truncated cone, and

oppositely-projecting flat lugs on the lever and pivotally engaging the lower angles of the openings in the flanges.

2. In a line-holder, a bed-plate, means for
5 securing the bed-plate to a support, flanges at each side of the bed-plate, and having sector-shaped openings, a lever having the form of a portion of a hollow truncated cone, flat lugs at each side of the lever and engaging
10 the openings in the flanges, upward projections on the upper end of the lever, a rounded concave portion between the said projections and a laterally-projecting gripper on the lower end of the lever.

15 3. A line-holder consisting of a sheet-metal bed-plate having a rectangular middle portion, diverging upper extensions and a rounded lower extension, said extension having openings for screws, flanges at each side
20 of the bed-plate, sector-shaped openings in the flanges, a sheet-metal lever having the form of a portion of a hollow truncated cone, upwardly-projecting portions on the upper end of the lever, a concave and rounded mid-
25 dle portion between said portions, flat outwardly-bent lugs on the lever and pivoted at their edges in the lower angles of the open-

ings in the flanges, and a laterally-projecting gripper on the lower end of the lever and having a convex inner surface to engage a line. 30

4. In a line-holder, the combination of a bed-plate having flanges provided with sector-shaped openings, each opening arranged with one radial side parallel with the bed-plate, a sheet-metal lever having the form of
35 a portion of a hollow truncated cone, upwardly-projecting portions on the upper end of the lever, a rounded concave middle portion on said end, an outwardly-bent lug at each side of the lever, each lug having a width
40 substantially equal to the radial dimensions of the flange-opening, and pivoted at its lower edge in the lower angle of the said flange-opening, and a laterally-projecting gripper
45 on the lower end of the lever, said gripper also having a convex and corrugated inner surface opposite the bed-plate.

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

THEODORE A. SEITZ.

Witnesses:

L. V. MOULTON,
GEORGIANA CHACE.