

No. 633,334.

Patented Sept. 19, 1899.

W. L. BOGLE.
CLEVIS.

(Application filed June 9, 1899.)

(No Model.)

Fig. 1.

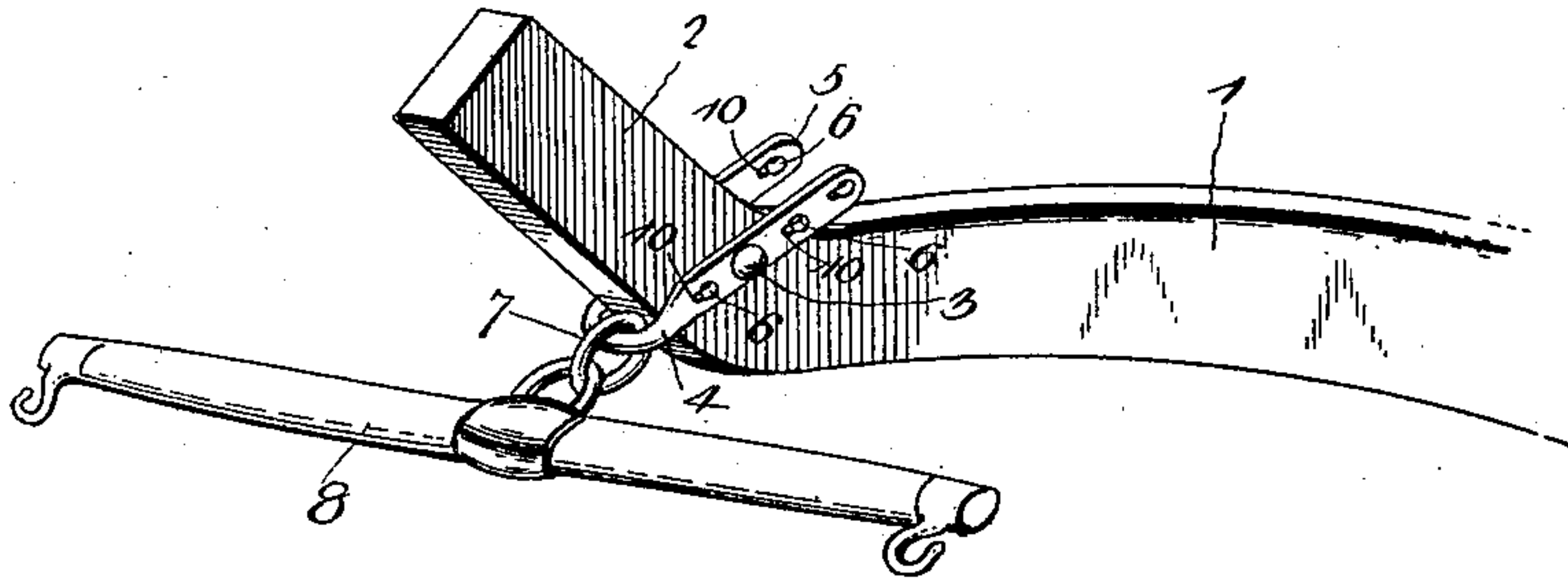


Fig. 2.

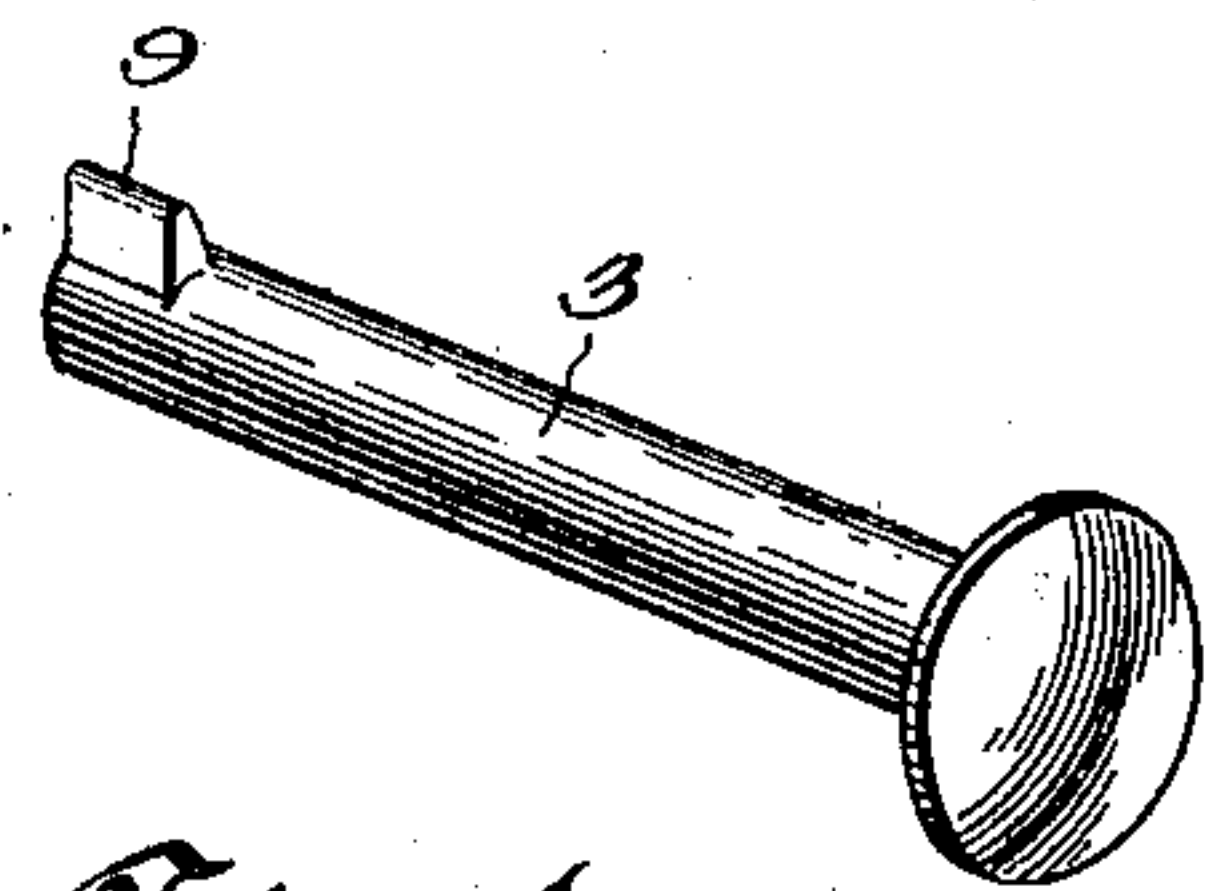
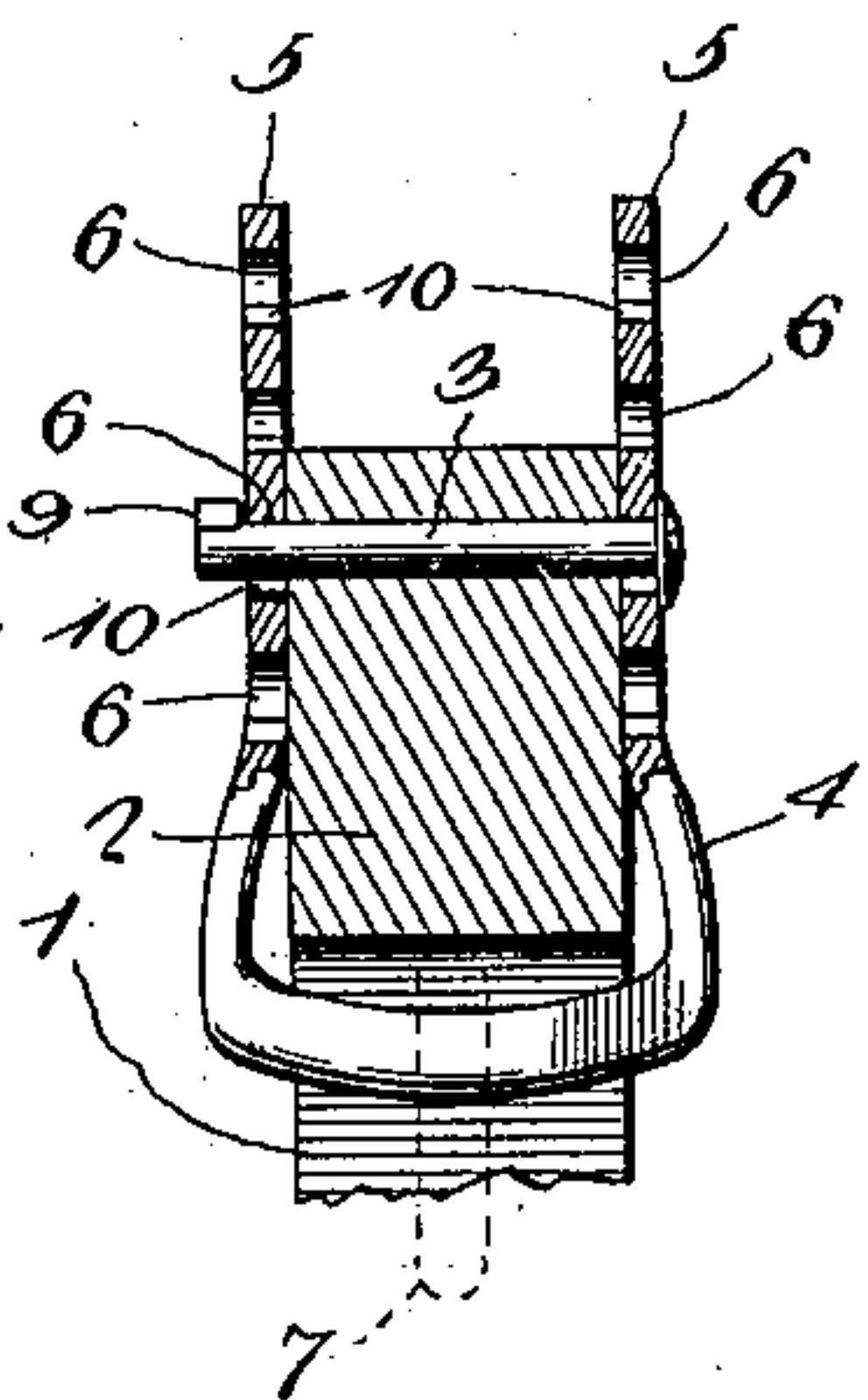


Fig. 4.

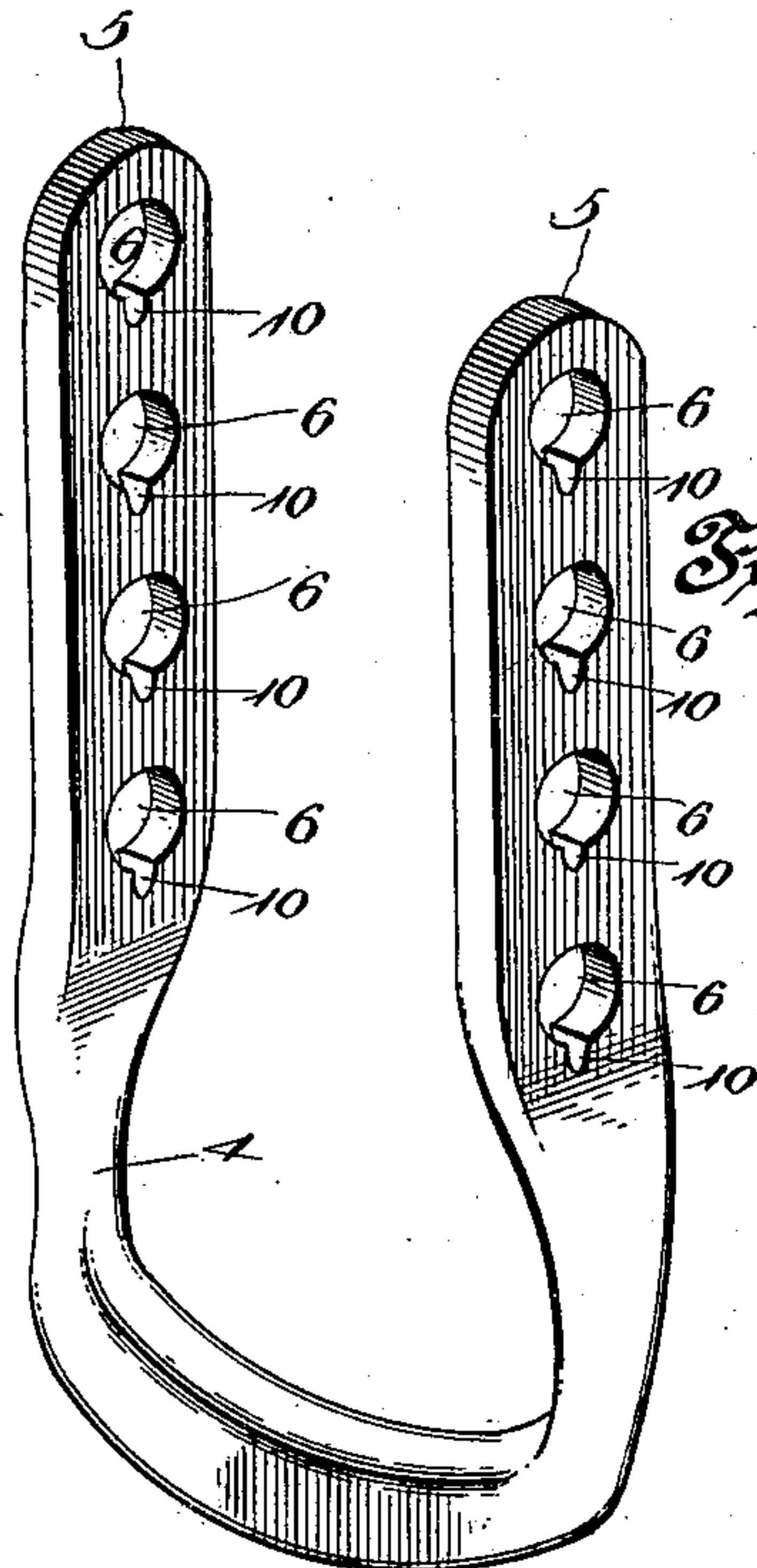


Fig. 3.

Witnesses
J. M. Culverwell.
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By his Attorneys.

W. L. Bogle, Inventor.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLIAM LUTHER BOGLE, OF COLUMBUS, MISSISSIPPI, ASSIGNOR TO
NEWNAN CAYCE, OF SAME PLACE.

CLEVIS.

SPECIFICATION forming part of Letters Patent No. 633,334, dated September 19, 1899.

Application filed June 9, 1899. Serial No. 719,945. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM LUTHER BOGLE, a citizen of the United States, residing at Columbus, in the county of Lowndes and State of Mississippi, have invented a new and useful Clevis, of which the following is a specification.

The invention relates to improvements in clevises.

The object of the present invention is to improve the construction of plow-clevises and to provide a simple, inexpensive, and efficient one which will be capable of ready adjustment to vary the depth of a plow and in which the pivot-bolt will be locked against accidental displacement.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a plow-clevis constructed in accordance with this invention and shown applied to a plow. Fig. 2 is a transverse sectional view taken longitudinally of the clevis. Fig. 3 is a detail perspective view of the clevis. Fig. 4 is a similar view of the removable pin.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a plow-beam having its front end 2 inclined upward, as clearly illustrated in Fig. 1 of the accompanying drawings, and provided adjacent to the angle formed by the inclined front end 2 and the body portion of the plow-beam with a transverse perforation, through which passes a pivot-bolt 3, and the latter adjustably secures a clevis 4 to the plow-beam and enables the plow to be arranged for running either deep or shallow. Although the clevis is shown in the accompanying drawings applied to a plow-beam having an inclined front end, yet it will be readily understood that it is equally applicable to plows having straight plow-beams.

The clevis 4, which is substantially U-shaped, has parallel side portions 5, which present flat inner and outer faces and which are provided at intervals with perforations 6 for the reception of the transverse pivot-bolt 3, and the front portion of the clevis is slightly

curved, as clearly shown in Fig. 3 of the accompanying drawings, and is adapted to be linked into an eye or loop 7 of a whiffletree 8, whereby the latter is connected to the plow-beam.

The transverse pivot-bolt, which is provided at one end with a head, has a lug 9 at its other end and the perforations or openings of the sides of the clevis are provided with aligned notches 10, conforming to the configuration of the lug 9 and adapted to permit the same to pass through them. The plow-beam is also provided at one side of the bore or opening with a bolt with a groove registering with the notches 10 and forming a passage for the lug. After the transverse pivot pin or bolt is passed through the registering openings of the clevis and the plow-beam it is rotated to carry the lug away from the notches or recesses, whereby the pin or pivot will be securely held in place, and there is no liability of it accidentally working or creeping out of engagement with the beam and the clevis.

The clevis is adapted to receive the pivot bolt or pin in any of its perforations or openings, and when it is desired to lower the point of the plow in the ground to cause the plow to run deeper the pin is removed and replaced in one of the perforations or openings lying above the point it previously occupied, and when it is desired to raise the plow-point and cause the plow to run less deep the pin is adjusted in one of the lower perforations or openings. By this construction the plow can be readily adjusted to run at the proper depth.

It will be seen that the device is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to a plow-beam, and that while it coöperates with the upturned end of the same to raise and lower the plow-point it is equally applicable to plows having straight plow-beams. The pivot pin or bolt is securely interlocked with the clevis, so that there is no liability of it becoming accidentally disengaged, and it will permit the position of the clevis to be readily changed.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

1. In a device of the class described, the combination with a plow-beam, and a pivot mounted thereon, of a substantially U-shaped clevis having its sides adjustably mounted
5 on the said pivot and adapted to be raised and lowered, whereby the lower end of the clevis is adapted to bear against different portions of the lower edge of the plow-beam, substantially as and for the purpose described.
10 2. In a device of the class described, the combination with a plow-beam, of a substantially U-shaped clevis provided at opposite sides with perforations arranged at intervals, and an adjustable pivot passing through the
15 plow-beam and adapted to engage the said perforations, substantially as described.

3. In a device of the class described, the combination with a plow-beam, of a clevis provided at opposite sides with perforations arranged at intervals and having notches; and
20 a pivot-bolt provided with a lug adapted to pass through the said notches and designed to be carried away from the same by rotating the pivot, whereby the latter is locked in place, substantially as described. 25

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM LUTHER BOGLE.

Witnesses:

J. T. ARMSTRONG,
R. B. TENNISON.