

No. 636,399.

Patented Nov. 7, 1899.

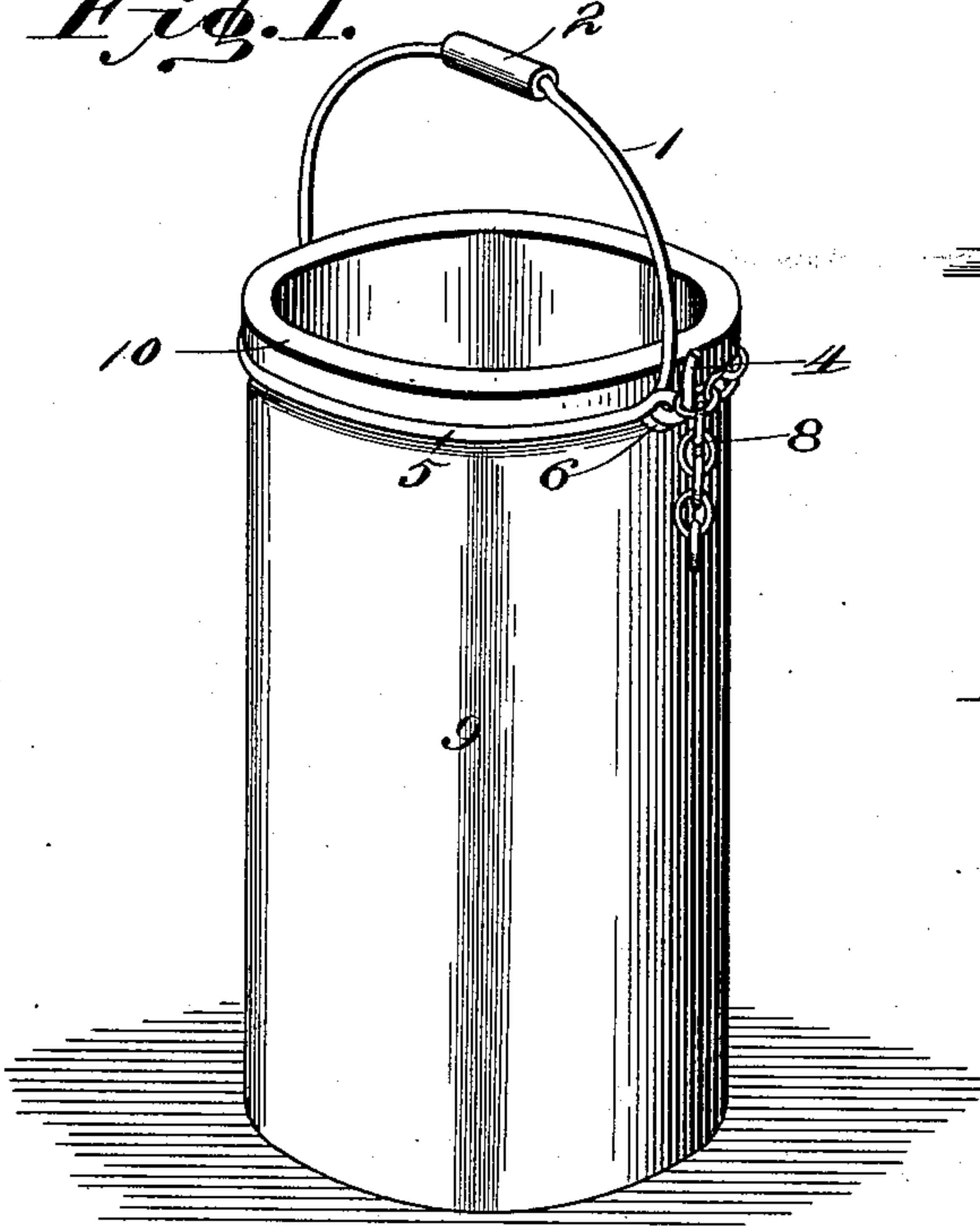
R. N. FOUST.

REMOVABLE HANDLE FOR CROCKS, &c.

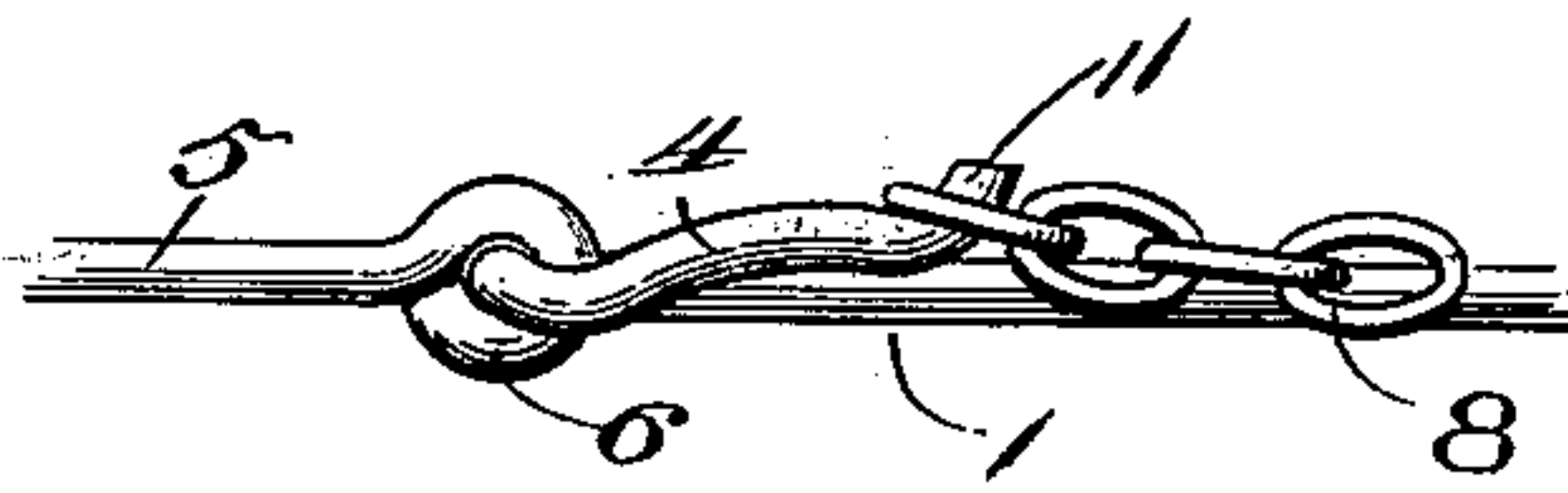
(Application filed Apr. 1, 1899.)

(No Model.)

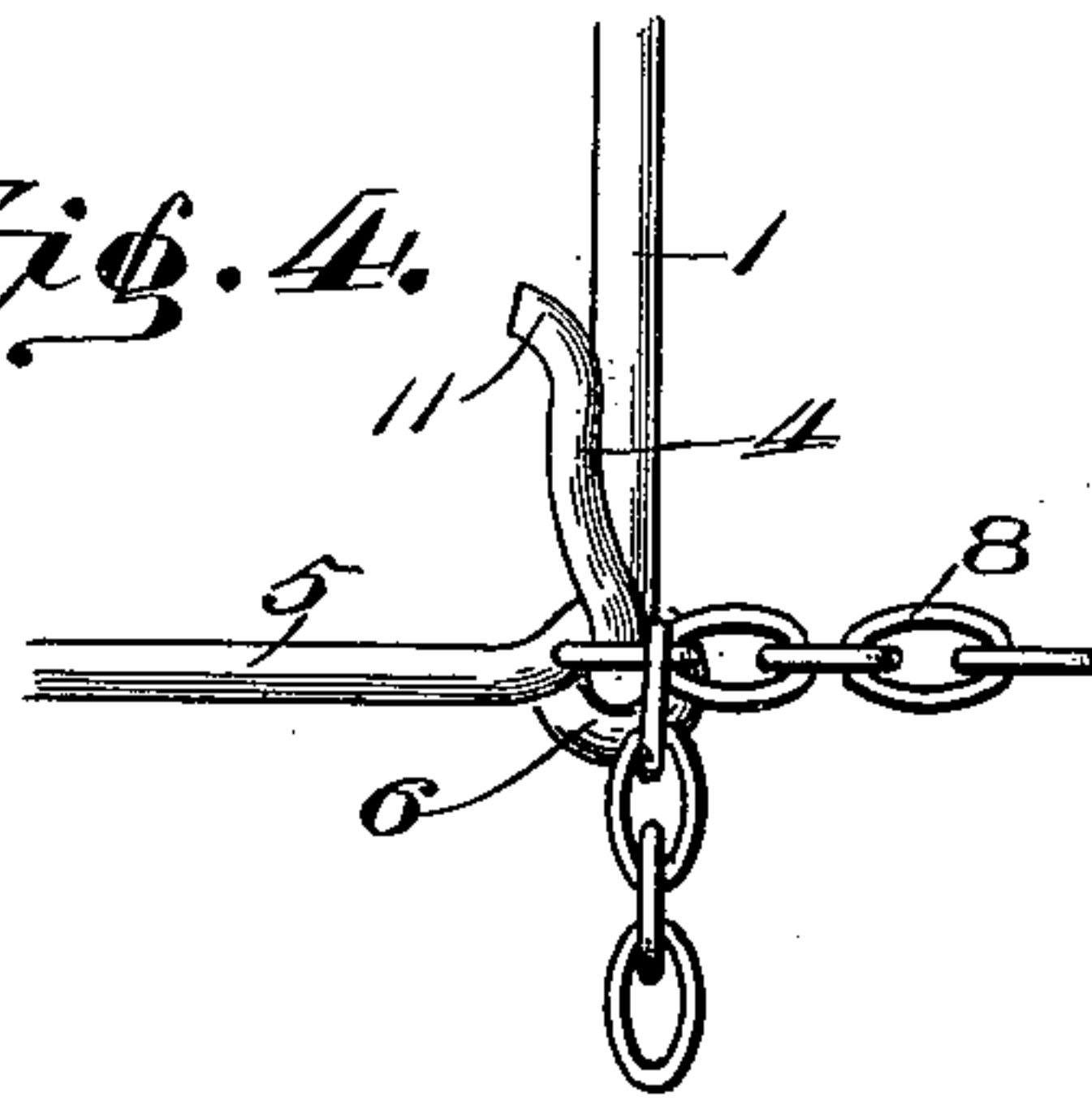
*Fig. 1.*



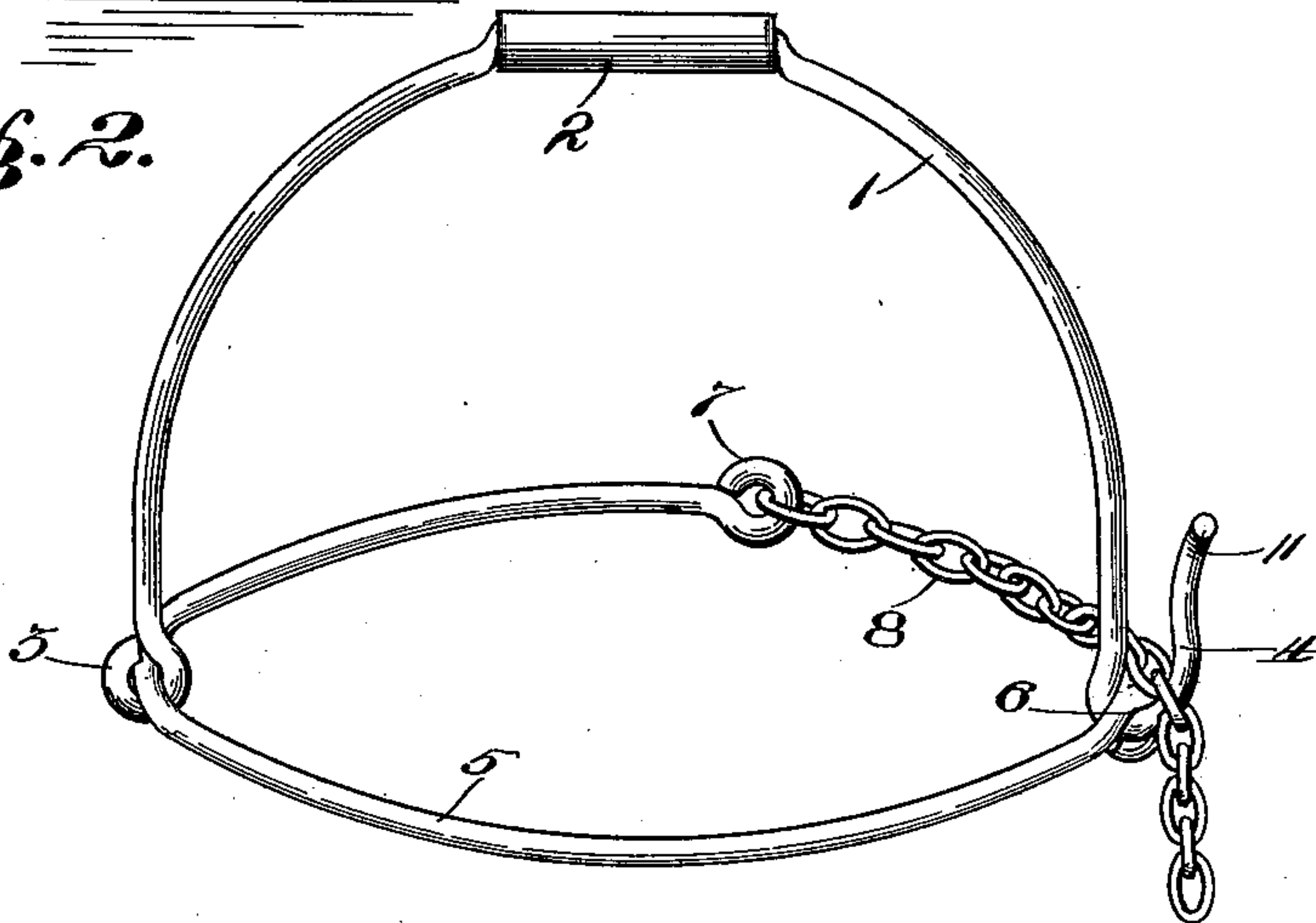
*Fig. 3.*



*Fig. 4.*



*Fig. 2.*



Witnesses

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# UNITED STATES PATENT OFFICE.

ROBERT N. FOUST, OF JOHNSTOWN, PENNSYLVANIA.

## REMOVABLE HANDLE FOR CROCKS, &c.

SPECIFICATION forming part of Letters Patent No. 636,399, dated November 7, 1899.

Application filed April 1, 1899. Serial No. 711,375. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT N. FOUST, a citizen of the United States, residing at Johnstown, in the county of Cambria and State of Pennsylvania, have invented a new and useful Removable Handle for Cocks, &c., of which the following is a specification.

This invention relates to handles for receptacles of various kinds, and has for its object to provide a removable bail-handle which is adjustable to fit receptacles of different sizes, and is particularly designed to be applied to stone cocks to facilitate the handling thereof.

To these ends the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of the improved handle fitted to a cock. Fig. 2 is an enlarged detail perspective view of the handle detached. Fig. 3 is a view of the hooked end of the bail, showing the position thereof prior to being tightened. Fig. 4 is a similar view showing the handle as tightened.

Corresponding parts are designated by like reference characters in all the figures of the drawings.

Referring to the accompanying drawings, 1 designates the bail-shaped handle, formed of heavy wire and provided with a hand-grasp 2 intermediate of its ends similar to an ordinary bucket-handle. One end of the bail is twisted into an eye 3, having its opening disposed at right angles to the plane of the bail. The opposite end of the bail is bent into a hook 4, which extends upward in the plane of the bail.

A horizontally-disposed band of wire 5 has one end twisted into an eye 6, which is engaged with the bend of the hook 4, whereby the band is connected at one end to the bail. The opposite end of the band passes loosely through the eye 3 at the other end of the bail and has its free extremity formed into an eye 7. This latter end of the band does not continue around to the fixed end, but terminates short thereof and is connected therewith by a flexible connection 8. This connection is preferably a chain, having one end permanently

connected to the eye 7 at the free end of the band 5 and adapted to have its other end engaged with the hook 4, provided upon the bail, whereby the band is adapted to encircle the cock or other receptacle to which the handle may be fitted.

The application of the device is shown in Fig. 1, in which the band 5 embraces the body of a cock 9 against the under side of the flange 10, commonly provided about the mouth of the cock. To fit the device to a cock, the band 5 is placed about the same, the operation being facilitated by the opening between the opposite ends 6 and 7 of the band 5. After the band has been thus embraced about the cock the bail 1 is folded down horizontally toward the free end 7 of the band, as illustrated in Fig. 3. Then one of the links of the chain is engaged with the end of the hook 4, which is crooked, as at 11, to hold the chain thereon, and then the bail is swung up into its normal vertical position. This action also swings the hook with the bail and draws the band tightly about the body of the cock, and so long as the bail is in its normal upright position the band will be held tightly clamped about the cock. The device may be readily removed from the cock by a reverse movement of the bail, and the chain affords an adjustable connection for the free end of the band, as any of the links thereof may be engaged with the hook 4, whereby the device is adjustable and may be fitted to cocks of different diameter.

It will be noted that the hook 4 is, in effect, a lever having a pivotal connection or fulcrum located at the fixed end of the band 5, whereby a tension may be had upon the band. The band passes loosely through the eye 3 to permit of the same having a longitudinal movement through the eye during the positioning and removal of the device and when connecting the band to the bail.

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 the present invention.

Having thus described the invention, what is claimed is—

1. A removable handle for cocks and the



like, comprising a horizontally-disposed flexible band having an opening formed through one side thereof, a bail-handle carrying the band, the latter having one end relatively  
5 fixed to the bail and the opposite end free, a lever provided at the fixed end of the band, and a flexible adjustable connection between the free end of the band and the lever, the latter being adapted to place a tension on the  
10 band, substantially as shown and described.

2. In a device of the class described, the combination with a bail-handle having a hook at one end, of a horizontally-disposed flexible band having an opening formed through one  
15 side thereof and pendent from the opposite ends of the bail, one end of the band being relatively fixed to the hook end of the bail and the opposite end being free, and a flexible adjustable connection between the free  
20 end of the band and the hook of the bail, the latter being adapted to be operated, whereby a tension may be had upon the band, substantially as and for the purpose set forth.

3. In a device of the class described, the  
25 combination with a bail-handle having a hook at one end, of a horizontally-disposed flexible band having an opening formed through one side, the bail being swung to the band, and a flexible connection between one end of the  
30 band and the hook of the bail, substantially as and for the purpose set forth.

4. In a device of the class described, the combination with a bail-handle having an eye

at one end and a hook at the other end thereof, of a horizontally-disposed band having an  
35 opening formed through one side, and the opposite ends of the band being each provided with an eye, the hook of the bail being loosely received in one of the eyes of the band and the other free end of the latter passing loosely  
40 through the eye of the bail, and a chain connected to the free end of the band and adapted to be engaged with the hook of the bail, substantially as shown and described.

5. In a device of the class described, the  
45 combination with a bail-handle, of a horizontally-disposed flexible band having an opening formed through one side thereof, one end of the bail being swung to one end of the band and the opposite end of the bail having  
50 a slidable hinged connection with the band, and an adjustable connection between the free end of the band and the end of the bail which is swung to the opposite end of the band, the bail being adapted to be swung  
55 upon its connection with the band to tighten the latter, substantially as shown and described.

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

ROBERT N. FOUST.

Witnesses:

J. V. DAY,  
VINCENT DAY.