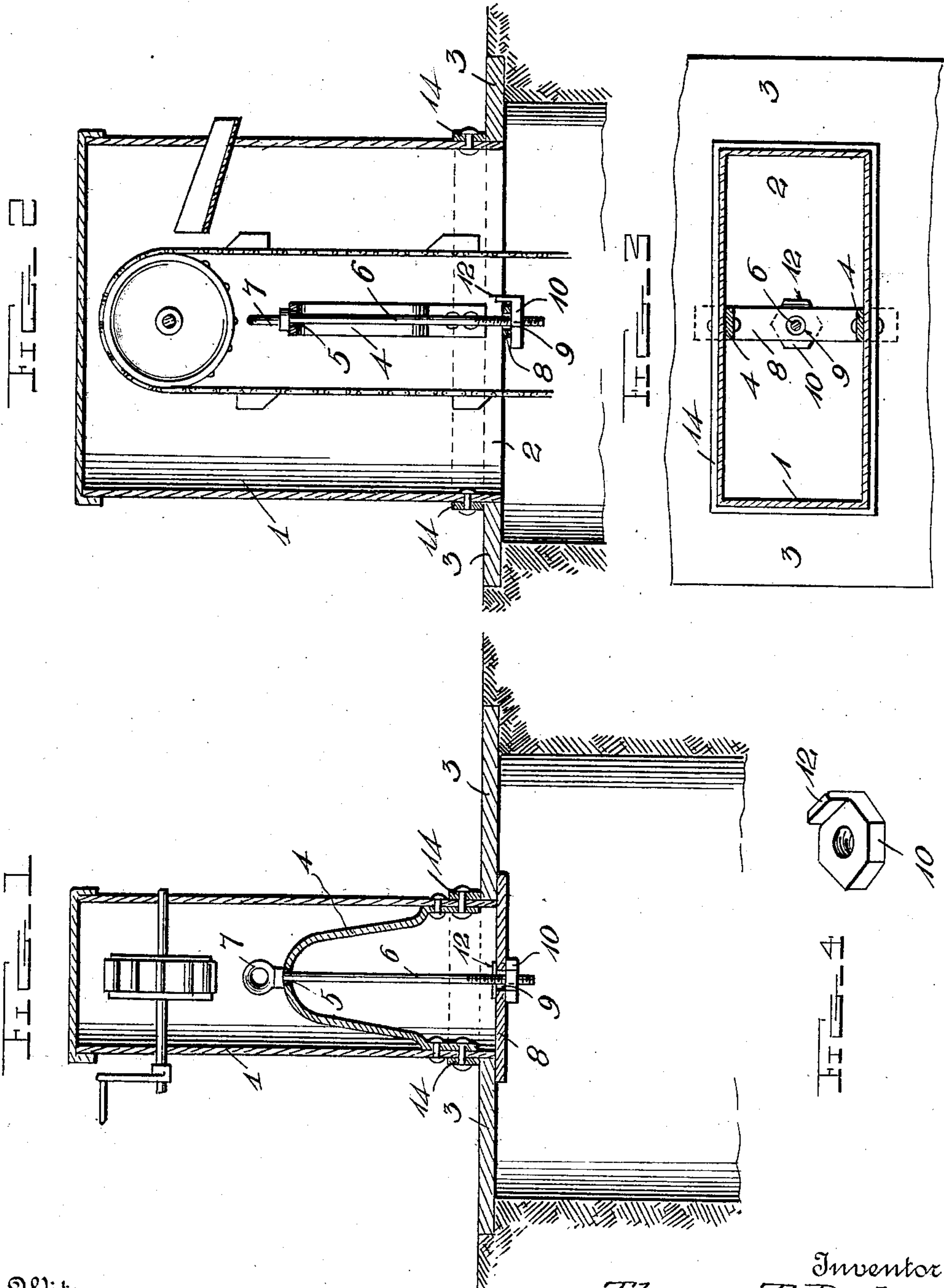


No. 898,303.

PATENTED SEPT. 8, 1908.

T. T. BAKER.  
FASTENING DEVICE FOR PUMP CURBS OR FRAMES.  
APPLICATION FILED FEB. 24, 1908.



Witnesses  
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# UNITED STATES PATENT OFFICE.

THOMAS T. BAKER, OF JONESBORO, ILLINOIS.

## FASTENING DEVICE FOR PUMP CURBS OR FRAMES.

No. 898,303.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed February 24, 1908. Serial No. 417,413.

*To all whom it may concern:*

Be it known that I, THOMAS T. BAKER, a citizen of the United States, residing at Jonesboro, in the county of Union and State of Illinois, have invented certain new and useful Improvements in Fastening Devices for Pump Curbs or Frames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable other skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in fastening devices for pump curbs or frames.

The object of the invention is to provide a device of this character by means of which the frame or curb of a pump may be detachably secured to the platform, without the use of nails, screws or similar fastening devices.

With this and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a vertical sectional view through a pump casing showing the manner of securing the curb to the platform, Fig. 2 is a similar view taken at right angles to Fig. 1, Fig. 3 is a horizontal sectional view of the lower portion of the casing and the curb, and Fig. 4 is a detail view of the clamping nut.

Referring more particularly to the drawings, 1 denotes the pump curb which is adapted to be arranged over the opening 2 in the platform 3 of the cistern or well. In the curb 1 is arranged a bail-shaped brace bar 4, the lower ends of which are bolted or otherwise secured to the sides of the curb. In the upper or curved portion of the brace bar 4 is formed a centrally disposed opening 5, through which is adapted to be inserted a clamping bolt 6, the upper end of which is provided with a suitable handle, which is here shown in the form of an eye 7. The lower portion of the bolt 6 is threaded, and on said threaded portion is arranged a clamping plate 8, said plate having formed therein an enlarged opening 9, through which the bolt 6 passes, and by means of which the plate is allowed a certain amount of movement on the bolt to permit the plate to tilt in one direction or the other, and thus conform to any irregularities on the under side of the cistern or well platform 3, with which the ends of said plate is engaged.

On the threaded lower end of the bolt is adapted to be screwed a clamping nut 10, which when screwed up on the bolt securely clamps the plate against the lower side of the cistern or well platform, and thereby rigidly secures the curb to the upper side of the platform over the opening therein. The nut 10 is provided on one side with an upwardly projecting right angular off-set or shoulder 12, which when the nut is in place against the under side of the plate 8 will engage one edge of the plate and thereby hold the nut against rotation when the clamping bolt 6 is screwed downwardly or upwardly through the nut.

To the outer side of the curb, adjacent to its lower end, is secured a stop or supporting strip, 14, which is adapted to engage the upper surface of the well platform when the lower end of the curb is inserted therein, as shown. By providing the supporting strip, 14, and permitting the end of the curb to set into the opening, the curb will be supported and held against lateral movement after being clamped down as hereinbefore described.

In applying the attachment to secure the curb to the platform of a cistern or well the bolt 6 is arranged in the brace bar 4 and the clamping plate 8, the nut 10 is then engaged with the lower threaded end of the bolt after which the curb is placed in position over the opening in the platform and the bolt turned to bring the ends of the plate 8 beneath the edges of the opening formed in the platform, after which the bolt is turned in the proper direction to draw the nut upwardly thereon, and thus tightly clamp the ends of the plate into engagement with the lower side of the platform, which action will permanently secure the curb in place without the necessity of employing other fastening devices. This arrangement not only provides for securely fastening the curb to the platform, but also forms a quick means for the attachment and removal of the curb when desired.

In the upper end of the curb is arranged any suitable water elevating mechanism, and said curb may be provided with a suitable discharge spout, and a cap for closing the upper end thereof. These parts, however, form no part of the present invention.

Having thus 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 pump curb adapted to be inserted into the



opening of a well platform, a supporting strip secured to said curb adjacent to its lower end to engage the upper edge of the opening in the well platform whereby said  
5 curb is supported and held against lateral movement, a brace bar in said curb, a clamping bolt engaged with said bar, a clamping plate on said bolt having its opposite ends in engagement with the opposite edges of the  
10 opening in the platform, and a clamping nut on said bolt to engage said plate whereby the latter is held in operative engagement with said edges.

2. In a device of the character described, a  
15 pump curb adapted to be inserted in the opening of a well platform, means to support the curb in said opening, a bail-shaped brace bar secured at its lower end to the opposite sides of the curb, a clamping bolt engaged  
20 with said bar, a clamping plate having an aperture to receive said bolt and having its opposite ends in engagement with the opposite edges of the opening in the platform, and a clamping nut on said bolt to engage  
25 said plate.

3. In a device of the character described, a pump curb adapted to be engaged with an opening in the well platform, a supporting strip secured to said curb near its lower end to engage the upper edge of the opening in  
30 said platform whereby the curb is supported and held against lateral movement, a bail-shaped brace bar having offset lower ends secured to the opposite sides of said curb, a clamping bolt engaged with said brace bar, 35 means on the upper end of said bolt whereby the same is operated, a clamping plate engaged with the lower end of said bolt, and with the lower edges of the opening in the well platform, a clamping nut on said bolt to 40 engage said plate, and means to hold said nut against rotation.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

THOMAS T. BAKER.

Witnesses:

PHILIP H. BAKER,  
WILLIS W. HILEMAN.