

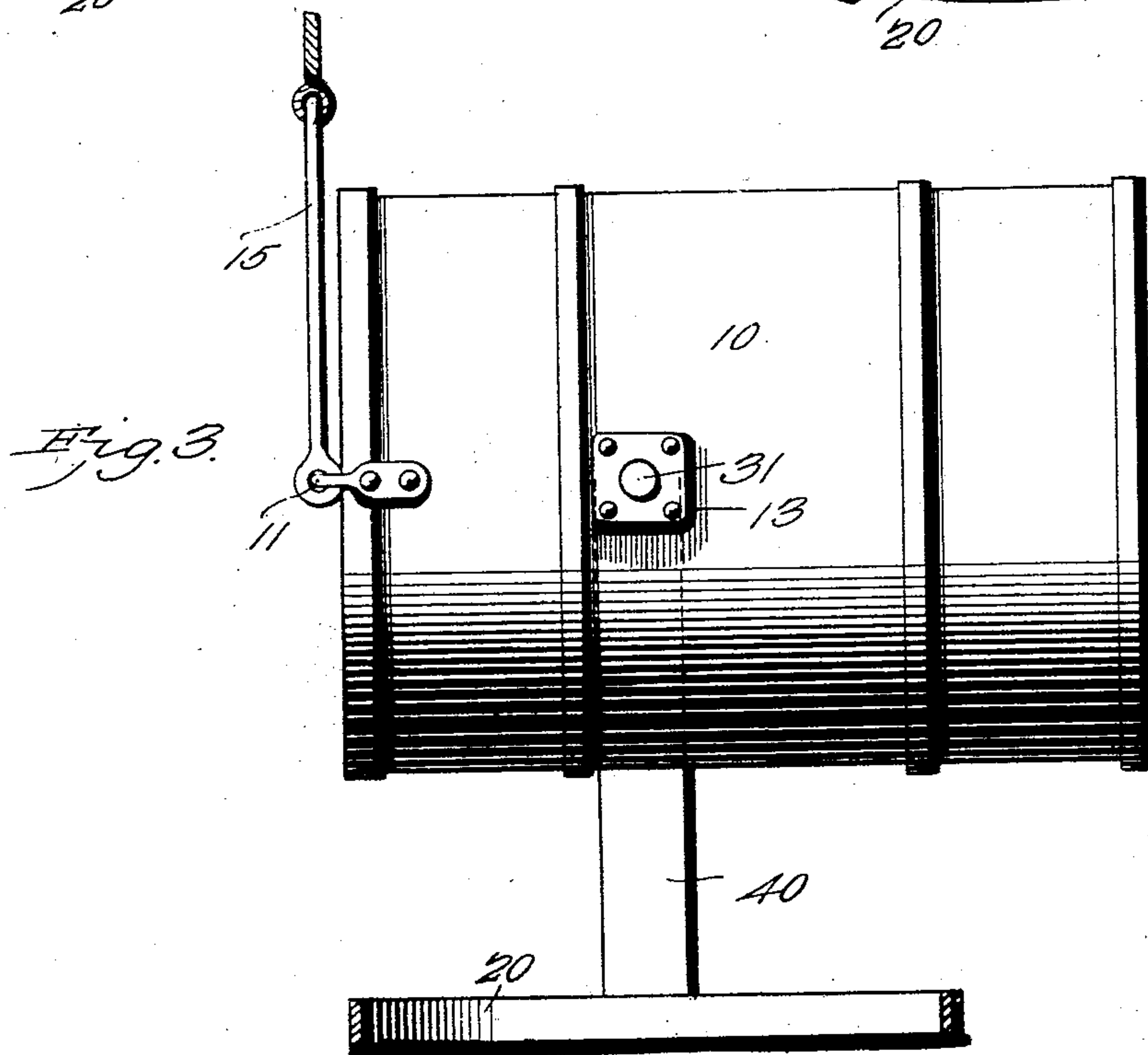
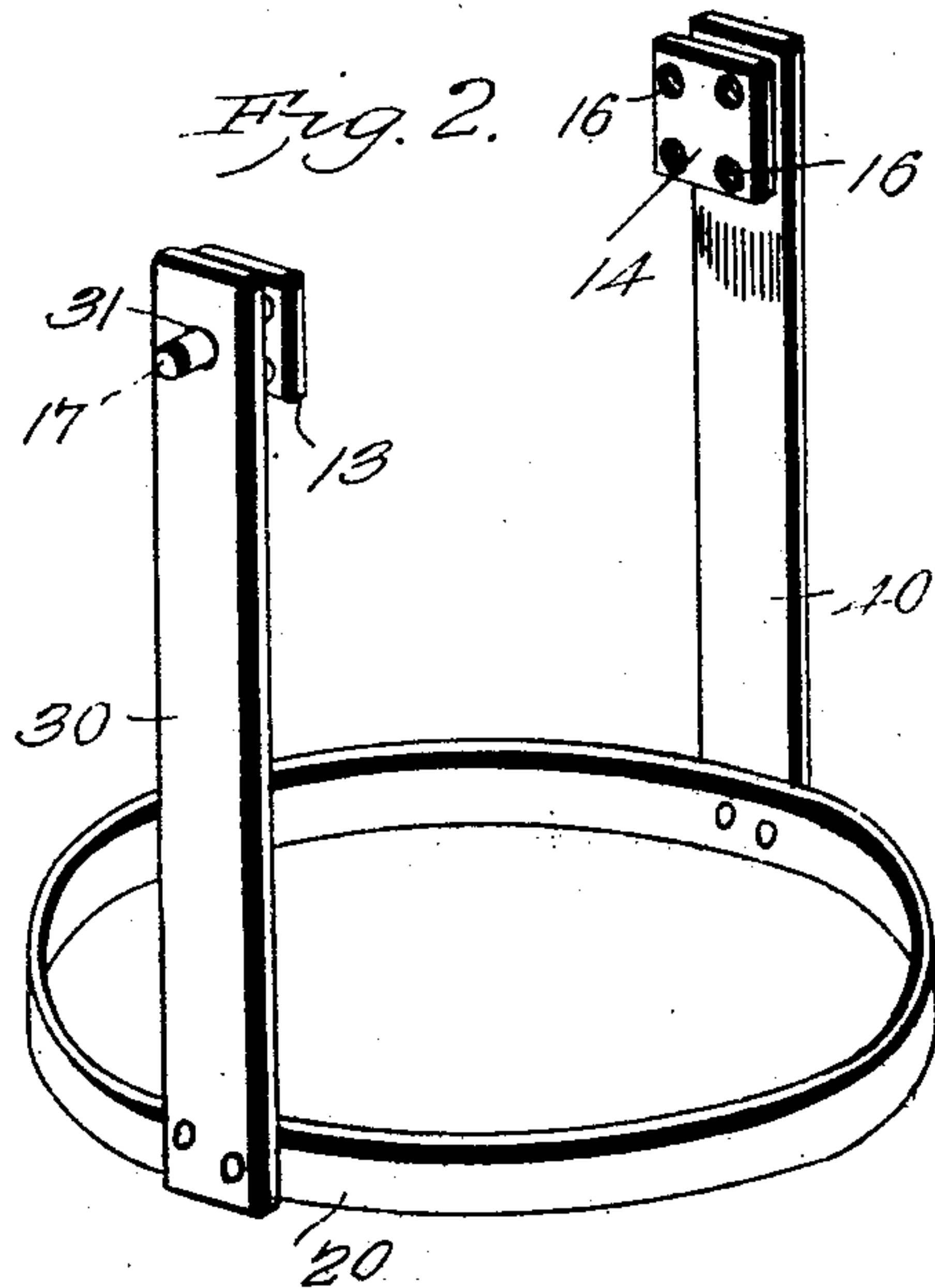
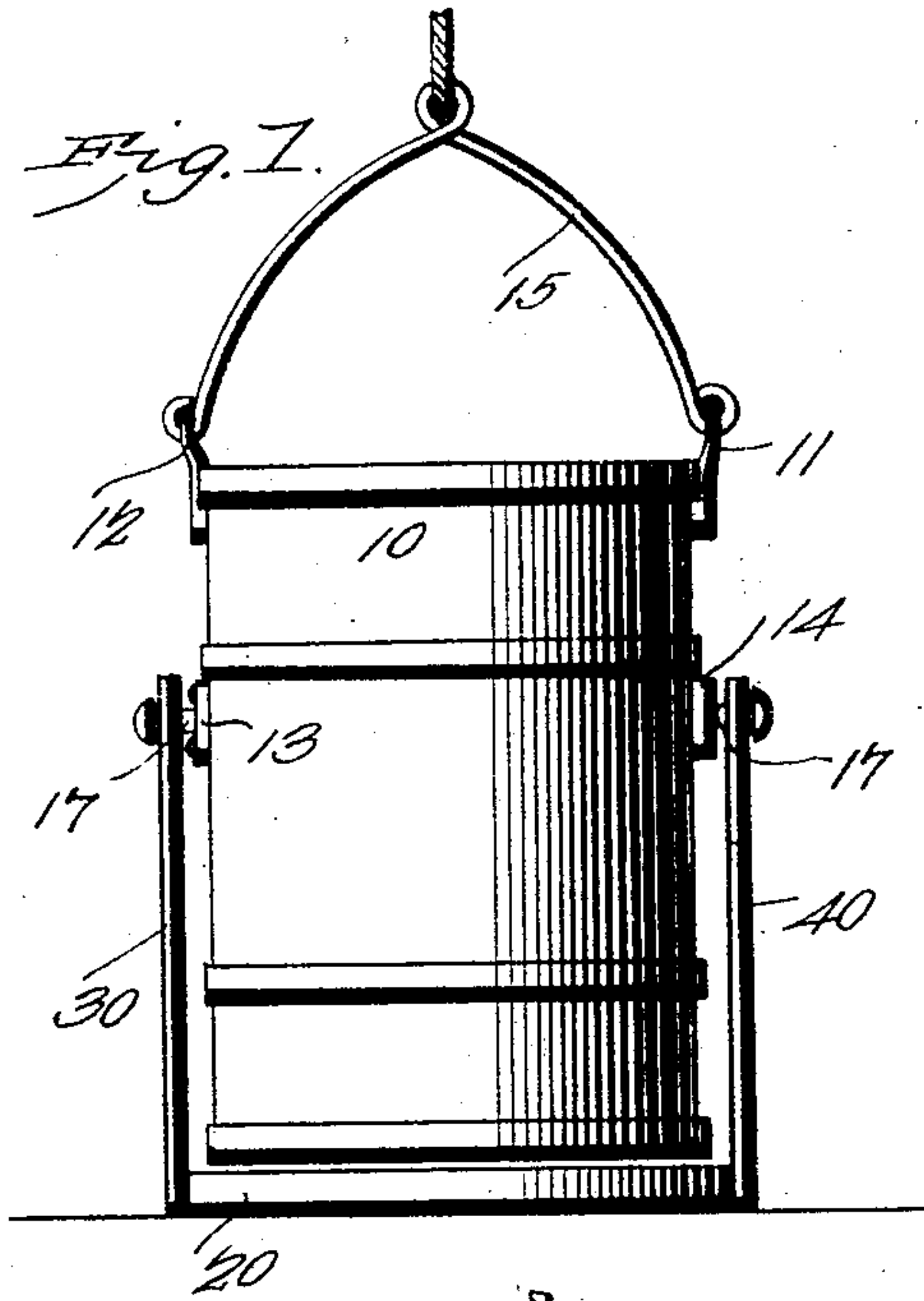
No. 713,442.

Patented Nov. 11, 1902.

C. P. JACKSON.  
WELL BUCKET.

(Application filed Dec. 12, 1901.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

CAREY P. JACKSON, OF LAWRENCEVILLE, GEORGIA.

## WELL-BUCKET.

SPECIFICATION forming part of Letters Patent No. 713,442, dated November 11, 1902.

Application filed December 12, 1901. Serial No. 85,675. (No model.)

*To all whom it may concern:*

Be it known that I, CAREY P. JACKSON, a citizen of the United States, residing at Lawrenceville, in the county of Gwinnett and State of Georgia, have invented a new and useful Well-Bucket, of which the following is a specification.

This invention relates to well-buckets which are attached to frames and adapted to be tilted therein.

The object of the invention is to provide a well-bucket having a supporting-frame which is adapted to always swing square and plumb with the bottom of the bucket.

Another object of the invention is to provide a bucket supported in a tilting frame which requires only a slight pressure at the top of the bucket to overcome its equilibrium and tilt it to discharge its contents.

Another object is to so dispose the bucket in its frame that the mouth of the bucket on being tilted will swing out beyond the base of the supporting-frame and empty the contents without waste.

Figure 1 of the accompanying drawings is a view in front elevation of the bucket disposed in a tilting frame. Fig. 2 is a perspective view of the supporting-frame detached from the bucket, showing plainly the means for attaching it to a bucket. Fig. 3 is a view in side elevation of a bucket in tilted position, the frame being shown partly in section.

The same reference-numerals indicate corresponding parts in all the figures.

In the drawings an ordinary well-bucket 10 is shown having a bail 15, of the usual construction, disposed in ears 11 and 12 at the upper edge of the bucket. A tilting frame for supporting this bucket comprises a band or ring 20, preferably made of band-iron about one-eighth of an inch thick by one and a quarter wide. This band 20 has a diameter slightly greater than the diameter of the bucket 10 and is provided with upright standards or posts 30 and 40, riveted or welded thereto. These standards 30 and 40 are provided near their upper ends with apertures, as 31. Plates 13 and 14, having screw-threaded apertures, as 16, are adapted to be screwed onto the bucket 10 at diametrically opposite points above the middle of the bucket and are provided with integral studs, as 17,

adapted to project through the apertures 31 in the standards. This supporting-frame may be manufactured as a separate article, as shown in Fig. 2, and attached to any well-bucket already in use.

In the use of this device the bucket 10, with its supporting-frame, is lowered into the well in the usual manner. On reaching the water the frame acts as a sinker for the bucket and causes it to sink and fill. When the bucket has been filled, it may be drawn up full of water with certainty and without waste, and the frame by the force of gravity swings plumb with the bottom thereof. The bucket, with its attached frame, is then transferred to the well-curb and stands in upright position. The bucket being pivoted at a point just above the middle thereof is almost balanced on its pivots, and while it remains in upright position a slight pressure of the hand at the top thereof is sufficient to overcome its equilibrium and tilt the bucket to discharge its contents. The bucket being so pivoted, when tilted swings out beyond the band of the supporting-frame and enables the contents to be emptied into another vessel without waste.

By having the bucket connected with the frame independently of the bail when the said frame is resting upon the curb of a well the bucket may be tilted to discharge its contents merely by a slight pull on the bail, thereby obviating any necessity of the attendant wetting his hands in the operation.

One of the main points of advantage in this tilting bucket over those in ordinary use is to have the bucket so pivoted and the base-ring of such a size that the mouth of the bucket on being tilted will swing out beyond the base-ring and empty its contents into a receptacle without wasting any.

I claim as my invention—

1. The combination with a well-bucket having a bail pivoted near its upper end, of a supporting-frame comprising a pair of standards and a base-ring, the standards being pivotally connected at their upper portions with the bucket at a point slightly above its center and in alinement with the points of attachment of the bail.

2. The combination with a well-bucket having a bail pivoted near its upper end, of a supporting-frame comprising a pair of stand-



ards and a base-ring of greater diameter than  
the bucket, plates secured to the bucket at a  
point slightly above its center and in aline-  
ment with the point of attachment of the  
5 bail, and means for pivotally associating the  
upper terminals of the standards with the said  
plates.

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

CAREY P. JACKSON.

Witnesses:

ROBT. N. MOFFETT,  
JOHN P. WEBB.