(No Model.)

R. WALKER.

ADJUSTABLE BARREL SUPPORT.

No. 533,687. Patented Feb. 5, 1895.

Fig. 1

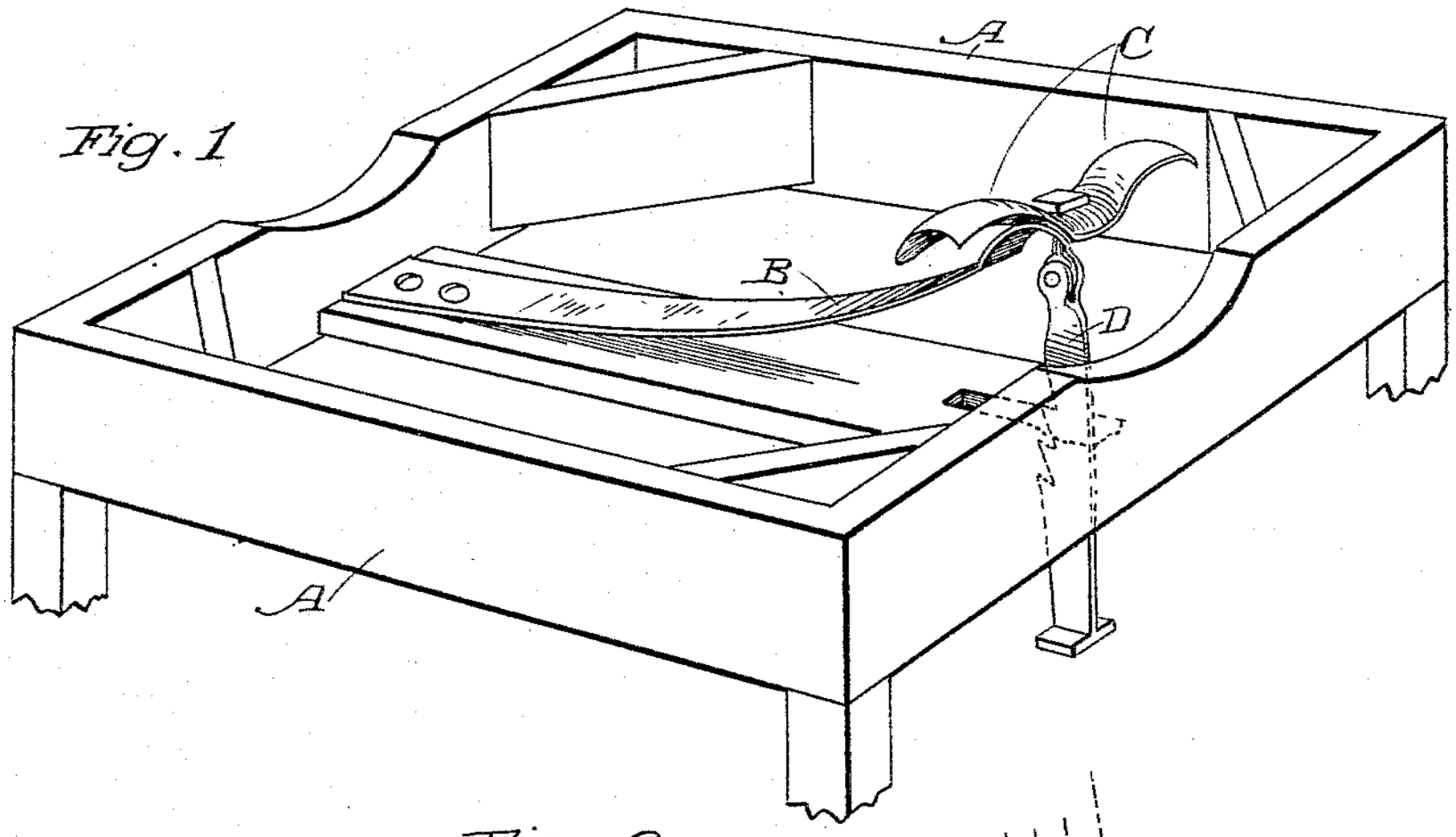


Fig. 2

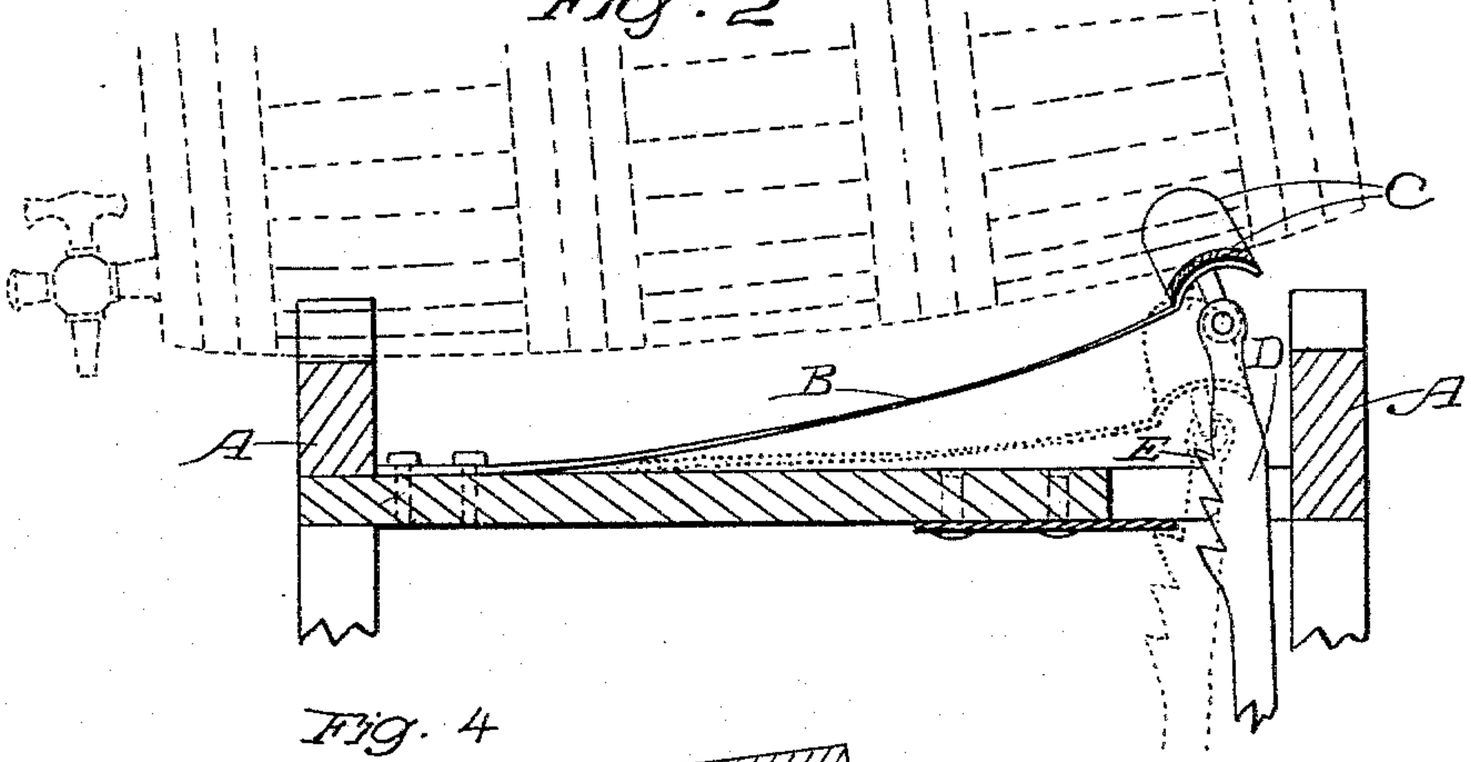


Fig. 4

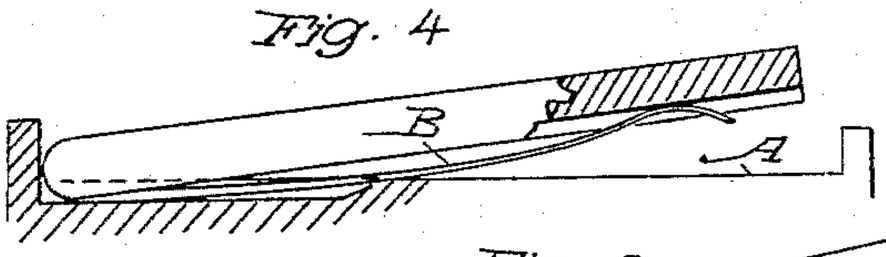


Fig. 5

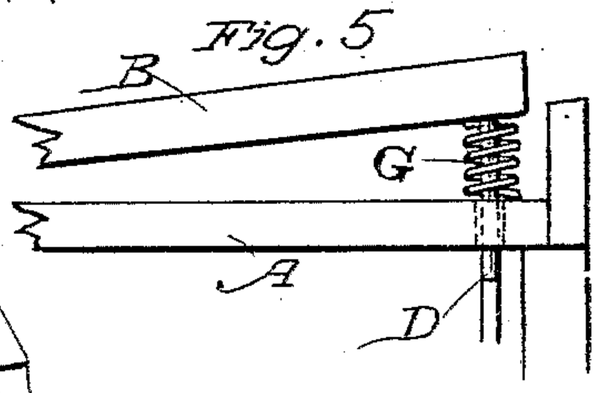
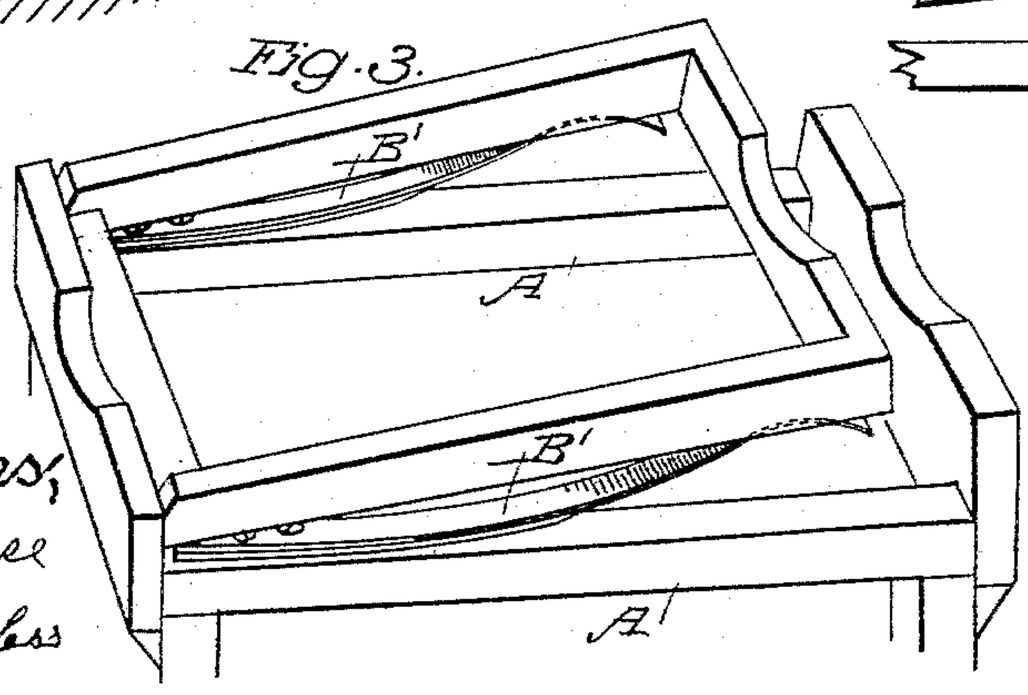


Fig. 3.



Witnesses;
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Attys

UNITED STATES PATENT OFFICE.

ROBERT WALKER, OF OAKLAND, CALIFORNIA, ASSIGNOR OF ONE-HALF TO JACOB KORNAHRENS, OF SAME PLACE.

ADJUSTABLE BARREL-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 533,687, dated February 5, 1895.

Application filed June 11, 1894. Serial No. 514,237. (No model.)

To all whom it may concern:

Be it known that I, ROBERT WALKER, a citizen of the United States, residing at Oakland, Alameda county, State of California, have invented an Improvement in Adjustable Barrel-Supports; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a stand or support for barrels.

It consists in certain details of construction, which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a perspective view of a barrel support with my attachment. Fig. 2 shows its application. Fig. 3 shows a modification. Fig. 4 is a section of one of the spring arms showing the construction. Fig. 5 shows spiral springs for the arms.

The object of my invention is to provide a support which is especially useful for barrels from which the contents are being gradually drawn, and which it is desirable to correspondingly adjust without agitating the contents such as beer and other liquids in kegs or barrels.

A is a frame of any suitable or usual construction having segmental depressions upon opposite sides, upon which a keg, barrel, or cask is adapted to rest and be steadily supported.

The front end of the frame is usually a little lower than the rear end, and when the faucet is introduced into the keg or barrel, the contents may be withdrawn until they are so far exhausted that it is necessary to tip the keg up in order to draw the last portion of its contents. In order to avoid thus moving the keg and agitating the contents, I have shown a device which consists of a spring-actuated arm B having a segment C fixed to one end, and corresponding in shape with the segmental depression at the rear end of the frame A.

The front end of the arm B is hinged, if a separate spring is used, or permanently fixed to the frame A if the arm itself is elastic.

D is a rod connecting the rear movable end of the arm B and extending down through the central opening in the central cross piece of the frame A. This arm has notches E formed upon it near the upper end, and when the barrel or keg is to be placed upon the frame, the arm B is drawn down, and the notch is engaged with a catch or plate upon the frame, which holds it in position until the keg or barrel is rolled into place. It is then disengaged from the catch and the tendency of the arm B will be to rise whenever the weight of the barrel or keg is sufficiently reduced. This raising pressure may be produced either by making the arm B elastic and in a curved form so that its own elasticity will have sufficient lifting power, or if preferred a spiral spring or springs G may be fitted to surround the rod D, and this will act upon the movable end of the bar B, so that when the contents of the keg or barrel have been sufficiently reduced to make it necessary to tilt it still more, this device will gradually raise the rear end, but without any agitation of the contents, thus placing it in position to draw the entire contents.

For beer kegs and light barrels, a single arm or bar B will ordinarily be sufficient for all purposes, but when heavy barrels or casks are to be supported, it will be necessary to use a frame of considerable strength having two or more springs. This construction is shown in Fig. 3, where the supplemental frame B′ is supported by springs interposed between itself and the main frame or support A.

Any number or form of springs necessary to support the weight may be employed.

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

An improved support for kegs and barrels consisting of the combination of a stationary support having segmental depressions upon opposite sides to receive and support the keg or barrel, a horizontally-disposed spring-actuated arm located within and near the center of said support having one end secured thereto and its opposite end inclined upwardly, a seg-

ment secured to and extending transversely of said arm, a rod or bar pivotally connected with the end of the arm which carries the segment, and having notches formed in it, said arm extending through an opening in a central cross piece of the support, and a catch or plate on said cross piece adapted to be engaged by the notches to hold the arm down so that the keg or barrel may be placed in position.

In witness whereof I have hereunto set my hand.

ROBERT WALKER.

Witnesses:
S. H. NOURSE,
J. A. BAYLESS.