

(No Model.)

C. ALLEN.
BARREL STAND.

No. 464,487.

Patented Dec. 8, 1891.

Fig. 1.

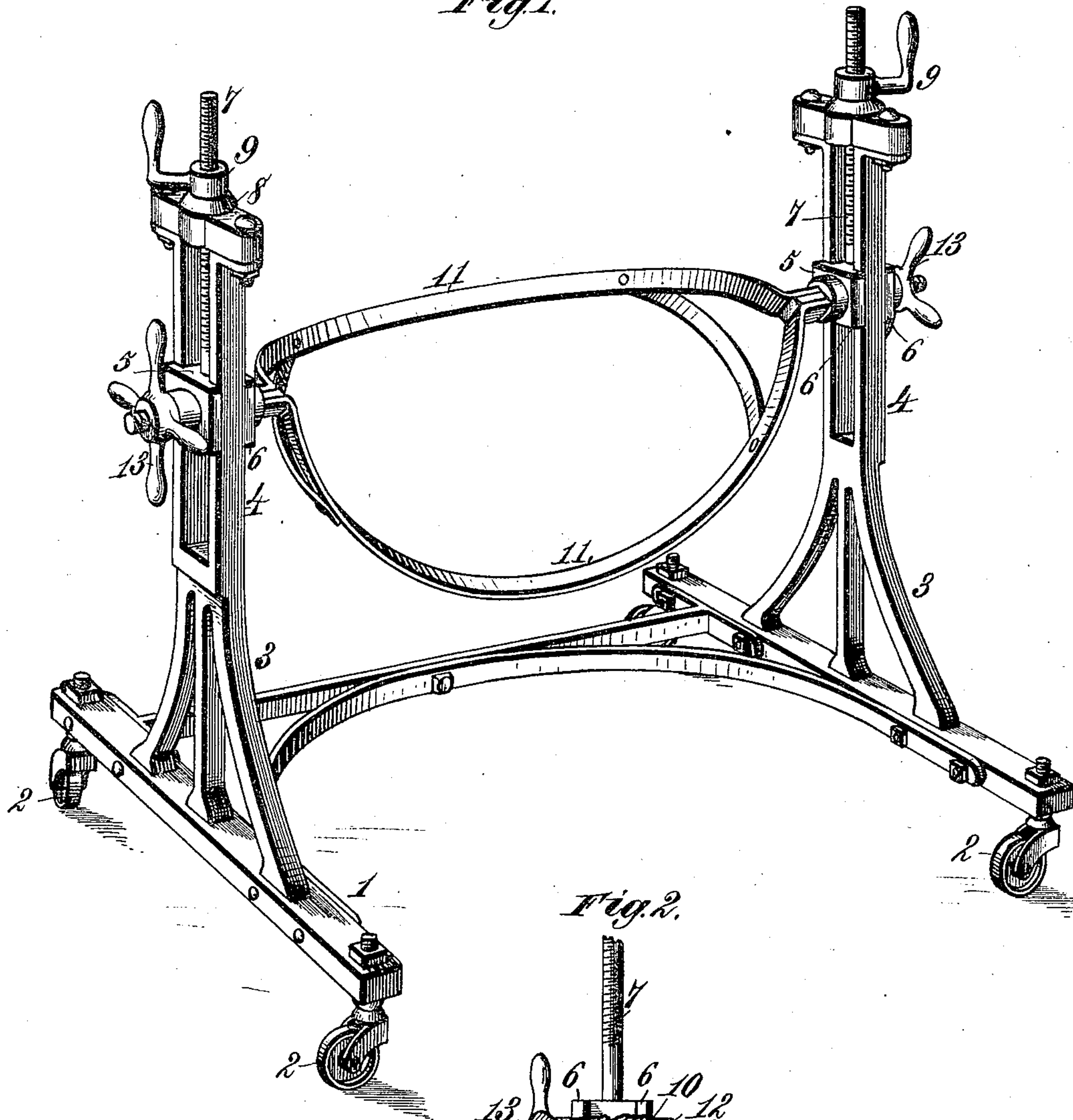
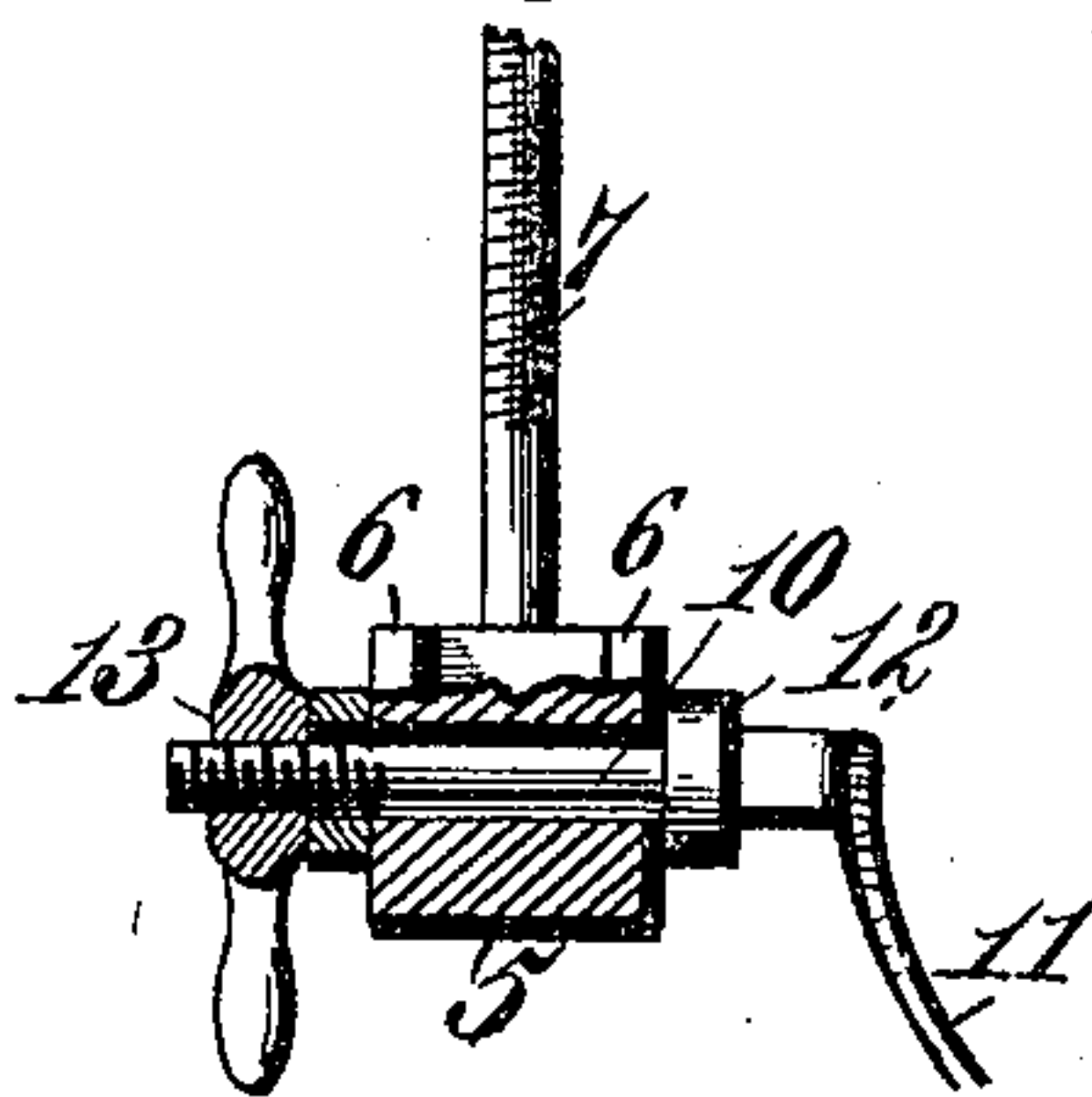


Fig. 2.



Witnesses:
Robert Everett.
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UNITED STATES PATENT OFFICE.

CHARLES ALLEN, OF ROCK ISLAND, ILLINOIS.

BARREL-STAND.

SPECIFICATION forming part of Letters Patent No. 464,487, dated December 8, 1891.

Application filed March 28, 1891. Serial No. 386,730. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ALLEN, a citizen of the United States, residing at Rock Island, in the county of Rock Island and State of Illinois, have invented new and useful Improvements in Barrel-Slings, of which the following is a specification.

My invention relates to an oscillating and vertically-adjustable barrel-sling that can be moved about with ease and be tilted or adjusted vertically to any desired position, so that a barrel supported thereon can be readily drained of its contents.

The invention consists in an oscillating and vertically-adjustable barrel-sling and in the construction and combination of devices, as hereinafter more fully described and claimed.

In the annexed drawings, Figure 1 is a perspective of a barrel-sling illustrating my invention. Fig. 2 is a detail view.

Referring to the drawings, the numeral 1 designates a frame or stand of any suitable construction and supported on rollers or casters 2, by which it can be readily moved about. At each end of the frame 1 is a standard 3, having vertical guideways 4, between which is received a vertically-sliding block 5, provided with guides 6 to engage said guideways. Each vertically-sliding block 5 is securely engaged with the lower end of a vertical screw-shaft 7, supported in a bearing 8 at the top of the standard. On each screw-shaft 7 above the bearing is a hand-nut or hand-wheel 9, by which said shaft can be made to raise and lower the attached block. The vertically-sliding blocks 5 are perforated transversely to receive the trunnions 10 of a sling 11, on which the barrel is to be supported. On the inner sides of the blocks 5 the trunnions 10 are provided with collars 12 that may be tightened against said blocks by means of hand-nuts or hand-wheels 13 on the outer threaded ends of said trunnions, thus securing the sling 11 in any position to which it may have been oscillated or tilted while said hand-nuts or hand-wheels were loose. The sling 11 may be of any suitable form; but is preferably composed of durable metal bars firmly riveted together and arranged in concaved or basket shape to receive and hold a barrel. By means of the hand-nuts 9 the

sling 11 and the barrel supported thereon can be adjusted vertically to any desired elevation, and by loosening the hand-wheels 13 the sling 11 and barrel can be readily tilted or oscillated to any required inclination to facilitate draining the barrel or the drawing of the contents when low. The vertical and inclined or swinging adjustments of the oscillating sling 11 are also of great service in enabling a filled barrel to be placed in the lowered and inclined sling without much exertion. After the barrel has been placed in the sling it can be adjusted to any desired position, and by means of its rollers or casters the stand can be moved to its proper location in a wareroom.

What I claim as my invention is—

1. The combination, with a stand or supporting-frame having vertical guideways and vertically-adjustable blocks engaged with said guideways, of an oscillating barrel-sling having trunnions supported in said blocks and means for securing the sling in an inclined position, substantially as described.

2. The combination, with a stand or supporting-frame having vertical guideways and vertically sliding or adjustable blocks engaged with said guideways, of screw-shafts and hand-nuts for imparting a vertical adjustment to said blocks, an oscillating barrel-sling having trunnions supported in said vertically-adjustable blocks, and means for securing the sling in the position to which it is inclined or adjusted, substantially as described.

3. The combination, with a stand or supporting-frame having vertically-adjustable guideways and vertically-adjustable blocks engaged with said guideways, of an oscillating barrel-sling having trunnions supported in said blocks and hand-wheels on the screw-threaded ends of said trunnions to secure the sling in an inclined position, substantially as described.

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

CHARLES ALLEN. [L. S.]

Witnesses:

F. H. L. BAHNSEN,
A. J. ALLEN.