

(No Model.)

W. D. LLOYD.
BARREL SWING.

No. 543,388.

Patented July 23, 1895.

Fig. 1.

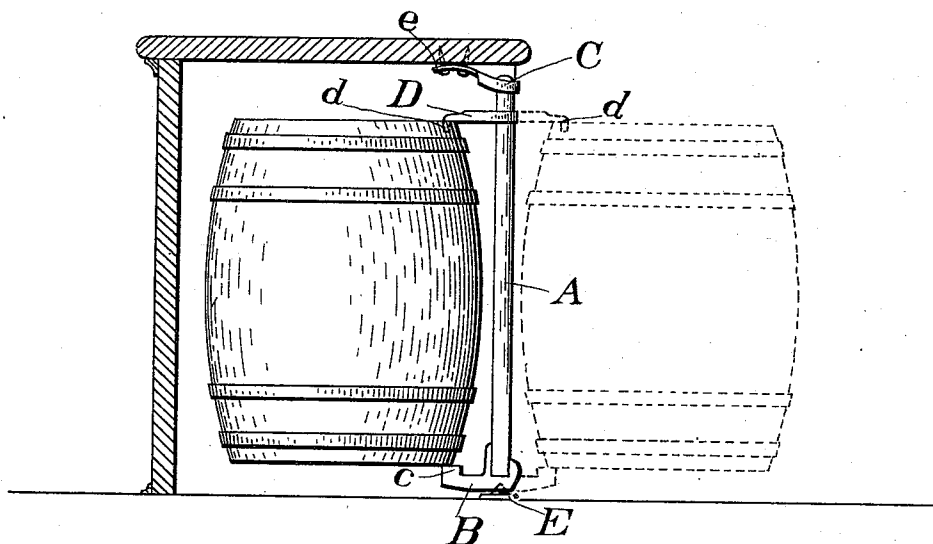


Fig. 2.

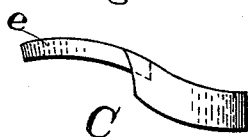


Fig. 3.

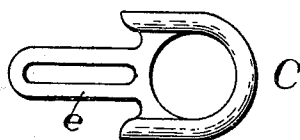
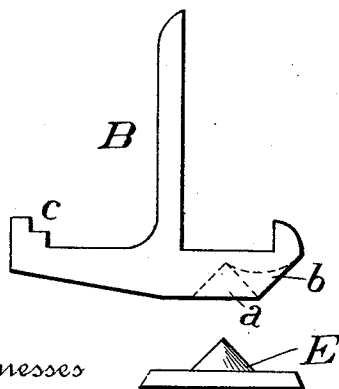


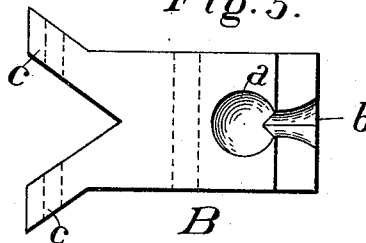
Fig. 4.



Witnesses

James C. Smith
Frank B. Marlow,

Fig. 5.



Inventor:
Willmer D. Lloyd,
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UNITED STATES PATENT OFFICE.

WILLMER D. LLOYD, OF BEAVER FALLS, PENNSYLVANIA.

BARREL-SWING.

SPECIFICATION forming part of Letters Patent No. 543,388, dated July 23, 1895.

Application filed May 6, 1895. Serial No. 548,322. (No model.)

To all whom it may concern:

Be it known that I, WILLMER D. LLOYD, a citizen of the United States, residing at Beaver Falls, in the county of Beaver and State of Pennsylvania, have invented certain new and useful Improvements in Barrel-Swings; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to the stands by means of which barrels used as storing-vessels in retail trade are supported and swung in and out from under a store-counter in the operations of such trade; and it consists in the hereinafter-described improvements in the details of the construction and arrangement of such a device.

In the accompanying drawings, Figure 1 is a side elevation of my improved stand; Fig. 2, a side elevation of the socket to be attached to the under face of the store-counter for the support of the staff constituting the axis of the stand; Fig. 3, a plan view of said socket; Fig. 4, a side elevation of the foot of said staff lifted off from the pivot upon which it normally rests and turns, and Fig. 5 a bottom plan of said foot.

A represents the staff forming part of the barrel-stand; B, the foot of the stand; C, a socket to support the head of the staff; D, a hook to engage the upper chine of the barrel, and E a floor-pivot upon which to seat and rotate the stand.

The staff is integrally or otherwise attached to the foot, substantially centerwise of the two ends of the foot, and the head of the staff fits loosely in the aforesaid socket provided for its support. The under surface of the foot is provided with a recess *a*, by which it is seated and turned upon the floor-pivot, and the said under surface is beveled to an incline, as shown, and provided with a groove *b* therein, so that when a barrel is loaded upon the foot the latter, by means of the groove and incline, may be seated upon the floor-pivot by pushing it against and upon the latter without the labor or strain of lifting the

laden foot to its place of rest and rotation. The barrel-supporting end of the aforesaid foot is provided with a series of low steps *c*, so that the lower chine of the barrel may be engaged and the barrel brought as closely to the staff as its curvature will permit; and in order to steady the barrel upon the foot, I prefer to spread the barrel end of the foot, as shown in the plan view thereof, so as to give a broad seat to the barrel.

The hook engaging the upper chine of the barrel slides freely upon the staff, to accommodate itself to the height of the barrel, and the engagement may be effected by the toe *d* of the hook, or the hook may be suitably fastened to the barrel if the latter is to be in use for a long time.

The aforementioned socket is provided with a long slotted offset *e*, and through the slot screws or other suitable fastenings are passed to attach the socket to the under face of the store-counter beneath which the barrel is to be stored. By means of the long slot, and by curving and dropping the socket, as shown in the side view thereof, the said socket is so loosely and adjustably, though efficiently, attached to the counter that it is not only easy to insert the head of the staff in the socket, but to accommodate the barrel-stand, when made of standard height, to any counter that might happen to exceed by a few inches the customary elevation of store-counters.

It will readily be understood that when a laden barrel is mounted upon the foot of the stand, the latter pushed to its seat on the pivot, the hook on the staff engaged with the upper chine of the barrel and the head of the staff placed in the socket attached to the counter, the barrel can be swung in and out, under, and from under the counter with ease and celerity, and will not be so rigidly vertical as to interfere with its free movement, use, or storage.

I am aware that barrel-stands of the general type of construction and arrangement here shown have been previously known and used. Hence I do not mean to make any broad claim for the type, but to limit myself to the improvements that constitute my own invention.

I claim—

The combination, in a barrel stand, of the

staff A; the foot B, attached to said staff and
provided with the recess *a*, the groove *b*, and
the steps *c*; the hook D, sliding upon the
staff; the socket C, encircling the head of the
5 staff, and provided with the slotted offset *e*,
adapted for attachment to an upper support
for the staff, and the pivot E, adapted for at-
tachment to a floor or platform, to serve as a
bottom support for the staff, and also adapted
10 for engagement with the aforesaid recess in

the foot attached to the staff, the whole con-
structed and arranged as, and for the pur-
poses, described.

In testimony whereof I affix my signature
in presence of two witnesses.

WILLMER D. LLOYD.

Witnesses:

J. D. WILLIAMSON,

G. L. EBERHART.