(No Model.)

I. G. POLLARD.

BARREL STAND.

No. 343,920. Patented June 15, 1886.

Fig. 1.

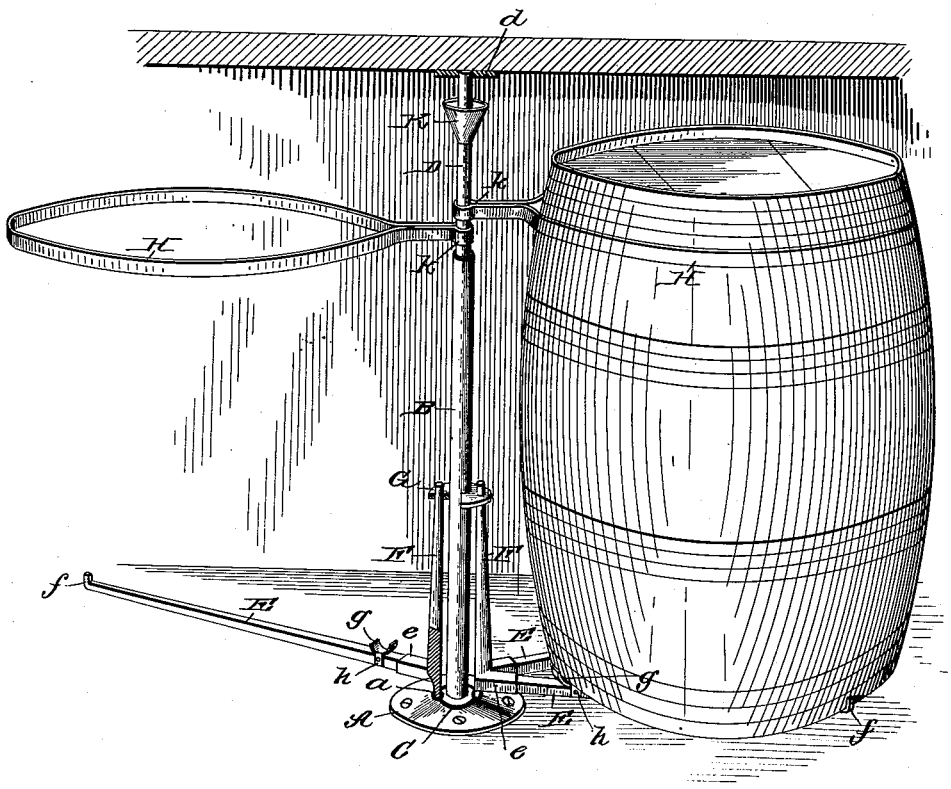


Fig. 2.

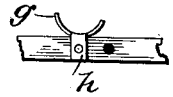


Fig. 3.

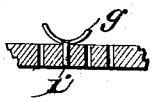
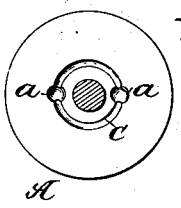


Fig. 4.



Witnesses
Edwin I. Yewell,
Jos. A. Ryan

Inventor
Isaac G. Pollard.
By his Attorney
W. A. Redmond.

UNITED STATES PATENT OFFICE.

ISAAC G. POLLARD, OF EVANSBURG, ASSIGNOR OF ONE-HALF TO CHAUNCY G. WILDER, OF MEADVILLE, PENNSYLVANIA.

BARREL-STAND.

SPECIFICATION forming part of Letters Patent No. 343,920, dated June 15, 1886.

Application filed May 3, 1886. Serial No. 200,980. (No model.)

To all whom it may concern:

Be it known that I, ISAAC G. POLLARD, a citizen of the United States, residing at Evansburg, in the county of Crawford and State of Pennsylvania, have invented certain new and useful Improvements in Barrel-Stands; 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.

This invention relates to barrel stands and swings, and has for its object to provide a simple, durable, and efficient device, whereby barrels may be stored under counters of stores out of the way of persons passing back and forth, and at the same time permit them to be easily swung out from beneath said counters, and their contents exposed so as to be readily removed; and it consists of the parts and combinations of parts hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view, partly broken away, of my improved device; Fig. 2, a view of one of the hooks on which the barrel-chine rests. Fig. 3 shows a modification of said hook, and Fig. 4 is a detail view of the base-plate.

Similar letters refer to similar parts throughout all the views.

A represents the base-plate of the tubular standard B. This plate is round or square, or of any other suitable shape, and is provided with perforations around its edges, through which screws or bolts are passed, to secure it to the floor. A groove or gutter, C, is formed in the upper surface of plate A, which terminates in the holes or recesses *a*, located at diametrically-opposite sides of the plate. These gutters are intended to carry a supply of oil or other lubricant to the holes *a*.

The standard B is secured to the base-plate A, so as to project upwardly therefrom, and it is formed of any suitable tubular material, preferably gas-pipe, although, if deemed desirable, hard wood made tubular may be used, so as to receive the standard D. This standard D is also made tubular for the sake of lightness, and is of smaller diameter than standard B, so that it may fit therein snugly. A plate, *d*, is provided at the upper end of standard D, by which it may be bolted or screwed to the under side of the counter. It will be seen that by use of these hollow or tubular standards the barrel-stands may be adjusted to suit counters of different heights by simply raising or lowering the standard D in standard B.

E E are rods, of metal or other suitable material, joined together at their inner ends in any suitable manner, preferably by the socket-arms *e e*, to form a V-shaped platform.

F F are uprights secured to the rods at their points of junction, or to the arms *e e*, which project upward to and are journaled in perforations in a bearing-block, G, rigidly secured to standard B. The lower ends of the uprights are tapered off, so as to fit in the holes or recesses *a* in the base-plate A. The outer ends of the rods E E are bent or turned up at right angles to their bodies, so as to form stops *f* for the edges of the barrels which rest thereon.

As shown in Fig. 1, I employ two platforms and two hoops, constructed as described, arranged on opposite sides of the standards, the platform on the left-hand side being partly broken away to better show the underlying parts, so that two barrels may be accommodated on one stand without the operation of moving either barrel in or out interfering with the position of the other. These rods are also provided with semicircular hooks, G-shaped, something like oar-locks, near their inner ends, on which the chine of the barrel rests. These hooks are preferably provided with perforated ears *h*, which fit down on the rods E, a pin being passed through the same and an opening in the rods to secure the same in position, or, as shown in Fig. 3, a short shaft, *i*, may be secured to the under side of the hook *g*, and perforations made in the rods E E therefor, so that the hooks may be adjusted along the rods to suit barrels and casks of different sizes. To standard D, I journal hoops H by means of the lugs *k*, so that they may easily turn thereon and swing the hoops out from or in under the counter. These hoops are made of iron or other suitable material, and are slipped down around the barrels on the platforms.

K is a cone-shaped cup surrounding and secured to the standard D, a short distance from its upper end. This cup is intended to be filled

with oil, water, or chalk, to entrap or check any insects, especially ants, which may attempt to crawl down the standard into the barrels. The groove or gutter *a* in base-plate A serves the same purpose for standard B.

It will be seen from the foregoing description that a heavily-laden barrel or barrels may be easily swung out from under the counter, so that their contents may be conveniently reached, and as readily returned beneath the counter without exerting great strength.

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

1. The combination, in a barrel-stand, of the base-plate A, the tubular standards B and D, the plate *d*, the hoops H, the uprights F, bearing-block G, and the V-shaped platforms, substantially as described.

2. The combination, in a barrel-stand, of the tubular standard B, secured to the base-plate, and the standard D, adapted to fit within the standard B, substantially as and for the purpose described.

3. A barrel-stand consisting of the base-plate A, having the groove or cutter C and holes *a*, the tubular standard B, the standard D, cone-shaped cup K, plate *d*, rods E, having the stops *f*, adjustable hooks *g*, socket-arms *e*, uprights F, bearing-block G, hoops H, and lugs *k*, all as and for the purpose described.

4. The combination, in a barrel-stand, of the base-plate A, standards B D, hoop H, bearing-block G, the upright F, and the V-shaped platform, consisting of the rods E E, stops *f*, hooks *g*, and socket-arms *e*, substantially as and for the purpose described.

5. The combination, in a barrel-stand, of the perforated rods E E, joined at their inner ends, the stops *f*, and adjustable hooks *g*, having perforated ears *h*, substantially as described.

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

ISAAC G. POLLARD.

Witnesses:
F. S. WARNER,
S. J. WILLIAMS.

Corrections in Letters Patent No. 343,920.

It is hereby certified that in Letters Patent No. 343,020, granted June 15, 1886, upon the application of Isaac G. Pollard, of Evansburg, Pennsylvania, for an improvement in "Barrel-Stands," errors appear in the printed specifications requiring correction, as follows: In line 81, page 1, the comma should be omitted after the word "hooks," the reference letter "G" should be *g*, and a comma should be inserted thereafter; in line 82, same page, the comma should be omitted after the word "shaped;" and that the Letters Patent should be read with these corrections therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 29th day of June, A. D. 1886.

[SEAL.]

D. L. HAWKINS,
Acting Secretary of the Interior.

Countersigned:

M. V. MONTGOMERY,
Commissioner of Patents.