

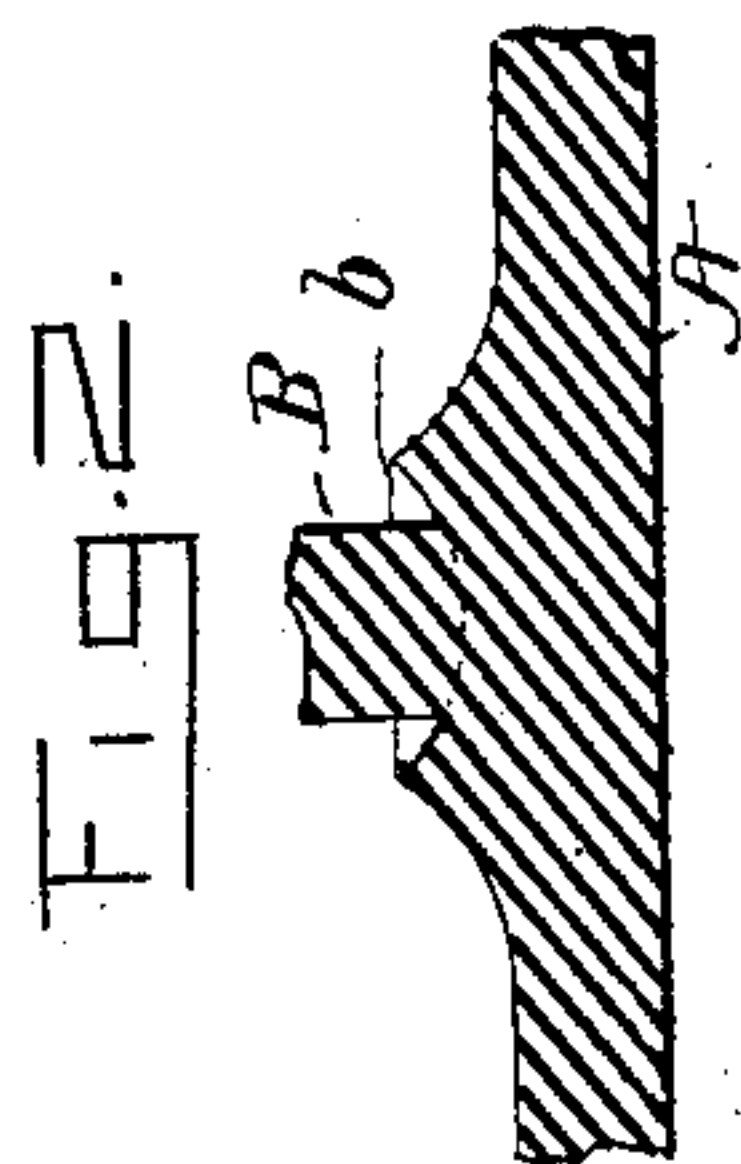
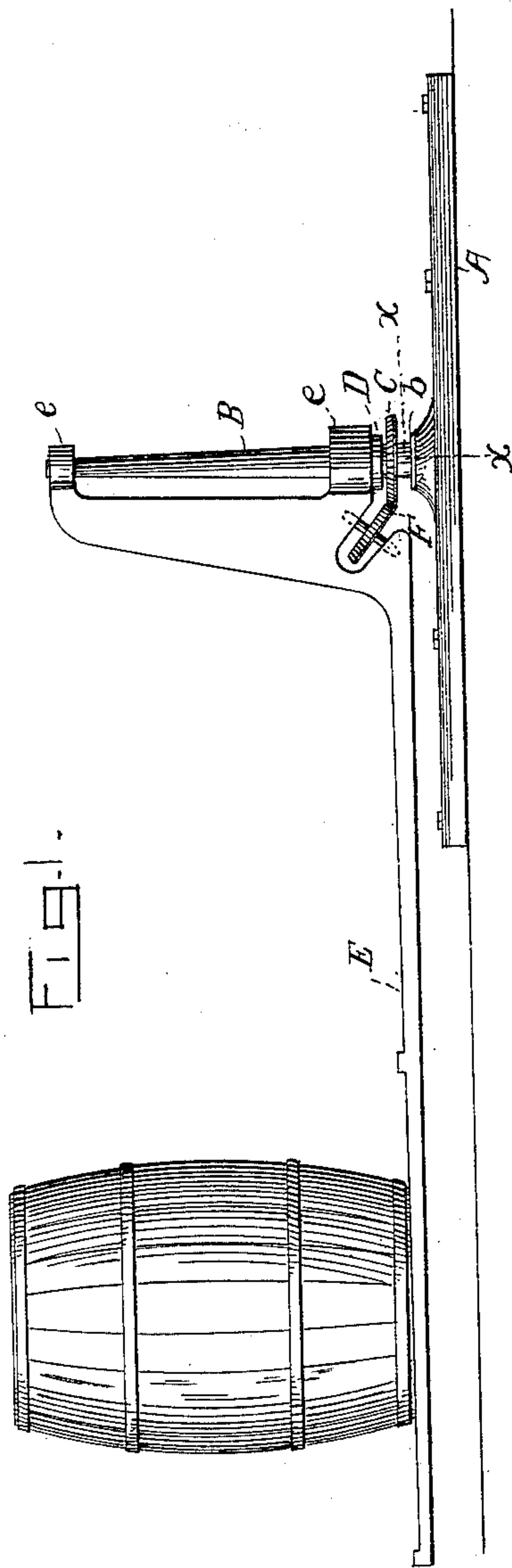
(No Model.)

I. G. POLLARD.

BARREL STAND.

No. 318,392.

Patented May 19, 1885.



WITNESSES:

Thomas A. Clark
W. R. McKenna

INVENTOR:

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UNITED STATES PATENT OFFICE.

ISAAC G. POLLARD, OF SUNVILLE, PENNSYLVANIA.

BARREL-STAND.

SPECIFICATION forming part of Letters Patent No. 318,392, dated May 19, 1885.

Application filed March 30, 1885. (No model.)

To all whom it may concern:

Be it known that I, ISAAC G. POLLARD, a citizen of the United States, residing at Sunville, in the county of Venango and State of Pennsylvania, have invented certain new and useful Improvements in Barrel-Stands, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to barrel-supports intended for use in stores and warerooms, and has for an object to provide a support for the barrel, so constructed and operating that the barrel may be conveniently moved out from under the counter when desired to gain access to its contents, and may be as readily replaced under the counter when desired.

To this end the invention consists, essentially, in a swinging platform adapted at one end to support the barrel, and having its other end journaled to a suitable support, and provided at such end, near its lowerside, with an anti-friction roller arranged to engage the support and enable the easier adjustment of the platform.

It consists, further, in certain novel details of construction, which will be hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of my invention, and Fig. 2 is a detached section on line *x x*, Fig. 1.

In carrying out my invention I prefer to employ a base, A, which is suitably secured to the floor underneath the counter. On this base I cast or otherwise form the standard B, at the base of and surrounding which I form an annular gutter, *b*. In this gutter is placed oil, water, obnoxious powder, or other substance which insects will not cross. They are thereby prevented from passing up the standard and onto the barrel-platform. On this standard, above the gutter *b*, I secure a bearing-plate, C, against which turns the anti-friction wheel of the platform. When this wheel is toothed, as will be presently described, the bearing-plate C will be similarly formed. A shoulder, D, on the standard serves as a rest for the lower collar of the platform. This platform E is adapted at its outer end to support a barrel, and has its inner end provided with a collar or collars, *e*, usually two in number, which are sleeved on the standard. The lower collar rests on the shoulder D, and it is preferred to taper the standard from top to bottom to permit the easy placing of the platform thereon. This

platform, it will be seen, is arranged close to the floor, and is provided at its inner end with an anti-friction wheel, F, suitably journaled and turning against the plate C or other formation on the standard. This wheel prevents any binding of the lower collar, *e*, on the standard and gives an easier motion to the platform. While the wheel will, if horizontally placed, give good results, I prefer to arrange it at an angle to the standard, as shown, with its edge next such standard the lowest, so that it will sustain not only the lateral strain and bearing against the standard, but also a part of the downward pressure on the shoulder D. It is also preferred to provide the wheel F and plate C with similar gear-teeth, as thereby a more regular movement of the platform is secured.

By my invention it will be seen the barrels of sugar, flour, &c., can be easily swung out from and in under the counter, and the labor of tilting the barrel out is avoided.

The apparatus is simple and may be manufactured at small cost.

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

1. The combination of the standard, the platform journaled thereto, and an anti-friction wheel supported in the inner lower end of the platform and bearing against the standard, substantially as set forth.

2. The combination, with the standard and the platform journaled thereto, of the anti-friction wheel journaled to the inner lower end of the platform and arranged at an angle to the standard, whereby it sustains the vertical as well as the lateral pressure of the platform, substantially as set forth.

3. The barrel-support herein described, consisting of the base, the standard mounted thereon and provided with a gutter, *b*, a toothed plate, C, and a shoulder, D, the platform journaled at one end to the standard, and a toothed wheel, F, journaled to the platform, arranged at an angle to the standard and geared with the plate C, substantially as set forth.

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

ISAAC G. POLLARD.

Witnesses:

WILLIAM G. BILLIG,
JOHN O'NEILL.