(Model.)

A. BARKSDALE.

FOLDING BARREL.

No. 254,259. Patented Feb. 28, 1882.

Fig. 1.

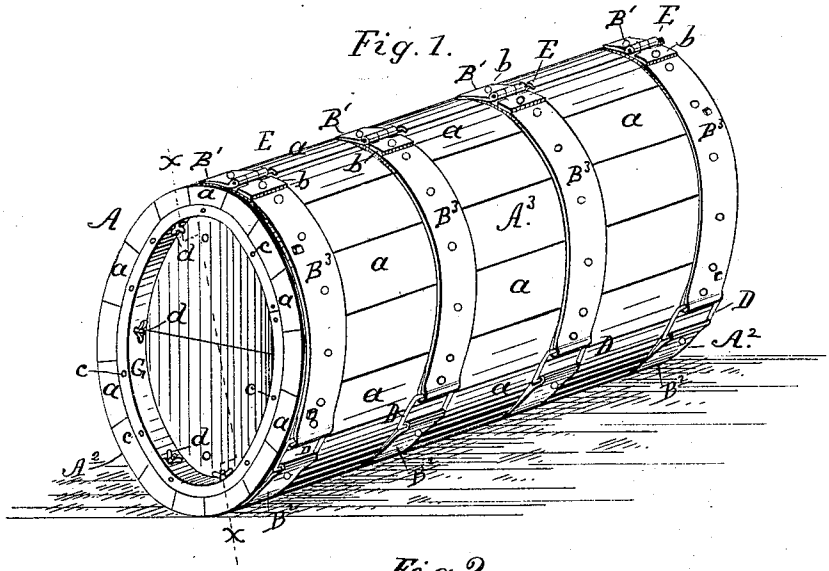


Fig. 2.

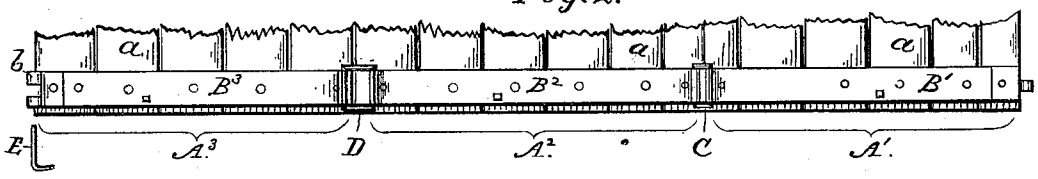


Fig. 4.

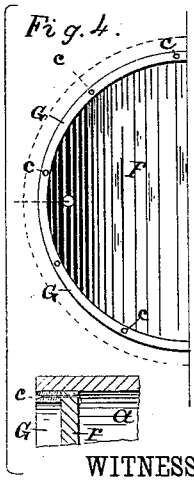


Fig. 3.

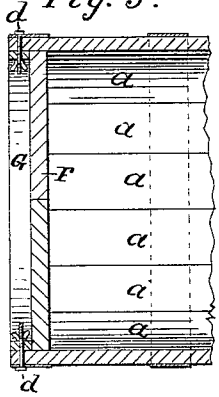
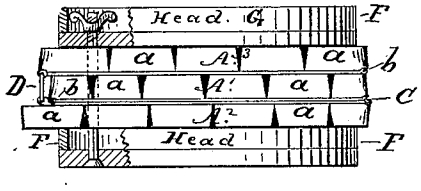


Fig. 5.



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UNITED STATES PATENT OFFICE.

ARMISTEAD BARKSDALE, OF STATESVILLE, NORTH CAROLINA.

FOLDING BARREL.

SPECIFICATION forming part of Letters Patent No. 254,259, dated February 28, 1882.

Application filed August 25, 1881. (Model.)

To all whom it may concern:

Be it known that I, ARMISTEAD BARKSDALE, of Statesville, in the county of Iredell and State of North Carolina, have invented a new and Improved Folding Barrel; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of my invention is to provide an improved folding or collapsible barrel or hogshead for use in transporting tobacco and other dry substances. The body or cylindrical portion of the barrel is composed of staves, and is divided into three sections, the hoops or bands of each section being hinged to the others, so that the sections may be folded flat one upon another, and secured together with the heads for economizing space in shipment or storage.

The special features of improvement are the means for attaching the heads to the body of the barrel when the latter is set up for use, and the construction of the hinges which allows the sections to be folded in the manner hereinafter described.

In accompanying drawings, forming part of this specification, Figure 1 is a perspective view of the barrel or hogshead. Fig. 2 is a plan view of one end of the body of the barrel as it appears when extended flat. Fig. 3 is a longitudinal section of one end of the barrel. Fig. 4 includes an end view and section of a part of the barrel. Fig. 5 is a side view of the parts of the barrel folded and secured together for shipment.

The staves *a*, composing the body of the barrel, are straight, so that there is no bulge, as in the ordinary barrel. The staves are divided into three sections, A′ A^2 A^3, and are secured by rivets to a series of metal hoops or bands, B′ B^2 B^3. The bands B′ and B^2 are hinged together by means of a narrow link, C, and the bands B^2 and B^3 by a wide link, D. The outer ends of bands B′ and B^3 have plates or strap-hinges *b* attached, which are provided with eyes adapted to fit together and receive a locking-bolt, E, as shown in Fig. 1.

The barrel-heads F are preferably constructed in two parts, which are secured to circular wooden hoops G by means of nails or rivets *c*, said hoops being for this purpose laid edgewise against the face of the heads, flush with their perimeter, and the nails driven through them perpendicular to their planes, as shown in section, Fig. 4.

For attaching the heads F to the body of the barrel I employ screw-bolts *d*, having thumb-nuts, Figs. 1 and 3, the bolts passing transversely through the hoops and staves, as shown in Figs. 1 and 3.

To fill the barrel one of the heads F is first detached by screwing the thumb-nuts off bolts *d* and drawing out the latter. After filling, the head is replaced and secured as before.

After the barrel has served its purpose in transportation of tobacco or other material it is "knocked down" and packed for reshipment to the party from whom it was received. To do this the barrel is laid on its side, as in Fig. 1, and the heads F removed by taking out screws *d*. The bolts E are then drawn out of the socket-plates *b*. Section A′ is then folded back upon section A^2 and section A^3 upon section A′, as shown in Fig. 5, which the relative lengths of the hinge-links C and D permits—that is to say, the length of links D equals the thickness of the staves *a*, but link C is shorter. One of the heads F is next placed on the top and the other on the bottom, and the whole secured together by screw-bolts, Fig. 5. In this form the barrel or hogshead can be handled with convenience and occupies but one-tenth the space of one that is filled.

What I claim is—

1. The body of the folding barrel composed of stave-sections and bands which are connected by links C and D, the width of one of which equals the thickness of the staves, and devices for fastening the free ends of the bands, all as shown and described.

2. The improved folding barrel consisting of the sections composed of staves attached to bands, which are hinged together, and the removable heads F, the hoops G, secured to the heads, and the detachable bolts provided with thumb-nuts and applied as shown, for securing said heads detachably to the body of the barrel, as shown and described.

ARMISTEAD BARKSDALE.

Witnesses:
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