

(No Model.)

E. F. JENKINS.
BARREL FASTENER.

No. 474,133.

Patented May 3, 1892.

Fig. 1.

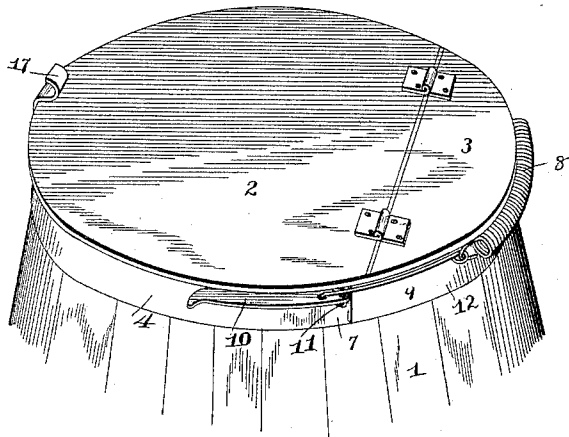


Fig. 2.

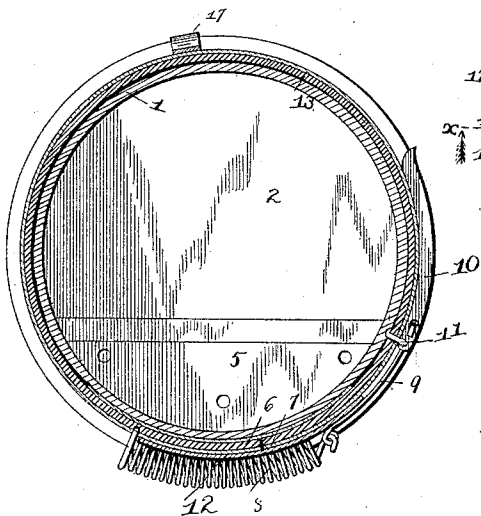


Fig. 3.

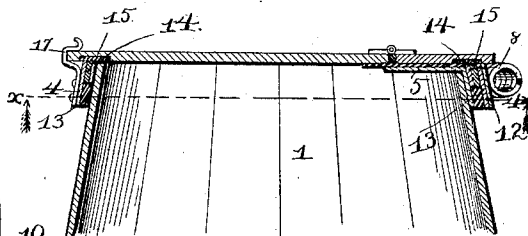
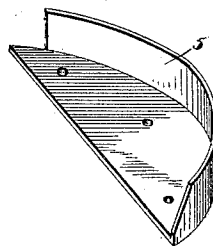


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

ELIZABETH F. JENKINS, OF DEWEES, NEBRASKA.

BARREL-FASTENER.

SPECIFICATION forming part of Letters Patent No. 474,133, dated May 3, 1892.

Application filed November 24, 1891. Serial No. 412,926. (No model.)

To all whom it may concern:

Be it known that I, ELIZABETH F. JENKINS, a citizen of the United States, residing at Dewees, in the county of Clay and State of Nebraska, have invented a new and useful Barrel-Fastener, of which the following is a specification.

The invention relates to improvements in covers for barrels.

10 The object of the present invention is to provide an adjustable cover for barrels adapted to preserve the contents of barrels after the latter are opened in the same condition in which they were before the barrels are opened, 15 thereby enabling the contents of a barrel to be maintained for an unlimited time free from moisture and unexposed to the action of air.

20 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

25 In the drawings, Figure 1 is a perspective view of a barrel provided with a cover constructed in accordance with this invention. Fig. 2 is a horizontal sectional view taken on line *xx* of Fig. 3, looking upward. Fig. 3 is a vertical sectional view. Fig. 4 is a detail 30 perspective view of the segmental plate.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

35 1 designates a barrel having a cover composed of sections 2 and 3, hinged together and secured to a contractile hoop 4 by a flanged plate 5, which is composed of a segmental portion secured to the section 3 of the cover, and a depending curved flange extending 40 from the curved edge or periphery of the segmental section and secured to the inner face of an end 6 of the hoop 4 and projecting therefrom and adapted to lap over the end 7 of the hoop to effect an air-tight joint at the 45 lapping ends of the hoop. A spiral spring 8 has one end secured to the end 6 of the hoop and is connected by a link 9 with a lever 10, which is fulcrumed on the end 7 of the hoop and is adapted to draw the ends of the hoop 50 together to clamp the cover securely on a barrel, and the spiral spring permits sufficient

adjustment to adapt the cover to different sizes of barrels. The lever 10 is fulcrumed on the hoop by means of an eye or staple 11, and it is curved throughout its length to conform to the hoop and to fit snugly against the same. The end 6 of hoop has secured to its outer face a curved plate 12, which projects over the end 7 of the hoop and forms a bearing-surface for the spiral spring 8, and it also 60 forms with the flange of the plate 5 a recess or groove to receive the end 7 of the hoop.

In order to effect an air and water tight joint, the inner face of the hoop is provided with a rubber lining 13, the meeting edges of 65 the sections of the cover are lined with rubber, the lower face of the section 2 of the cover is provided at its curved edge with a rubber packing 14, and the hoop is provided at its upper edge with a projecting rubber 70 packing-ring 15. The lower face of the section 3 of the cover is also provided with a strip of rubber to prevent the passage of air and moisture between the cover and the hoop at the back of the barrel. 75

It will be seen that the cover is adapted to be readily clamped on barrels of different sizes, that the contents of barrels are not exposed to the action of air and moisture and their aroma is preserved, and that the contents of the barrel after the latter is opened 80 may be preserved in the same condition in which it was before the barrel was opened.

The cover is especially adapted for use in stores and other places where a barrel is 85 opened and its contents dispensed from time to time, and it is secured when closed by a spring-catch 17.

What I claim is—

1. The combination, with a barrel-cover, of 90 a contractile hoop secured to the same, a spiral spring attached to one end of the hoop, and a lever fulcrumed on the other end of the hoop and connected with the spiral spring and adapted to draw the end of the hoop together, whereby the cover is clamped on a 95 barrel, substantially as described.

2. The combination, with a barrel-cover, of a contractile hoop attached to the same, a spiral spring secured to one end of the hoop, 100 a lever fulcrumed on the other end of the hoop, a link connecting the lever and the

spring, and suitable packing for the cover and the hoop, substantially as described.

3. The combination of a cover composed of sections hinged together, a segmental plate
5 secured to the section 3 of the cover and provided with a depending curved flange, a contractile hoop secured to the curved flange, a curved plate secured to the hoop and projecting beyond the free end of the same and
10 forming with the curved flange a recess to receive the free end of the hoop, a spiral

spring secured to one end of the hoop, and a lever fulcrumed on the other end of the hoop and connected with the spiral spring, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ELIZABETH F. JENKINS.

Witnesses:

W. H. SMITH,

C. W. JESTER.