

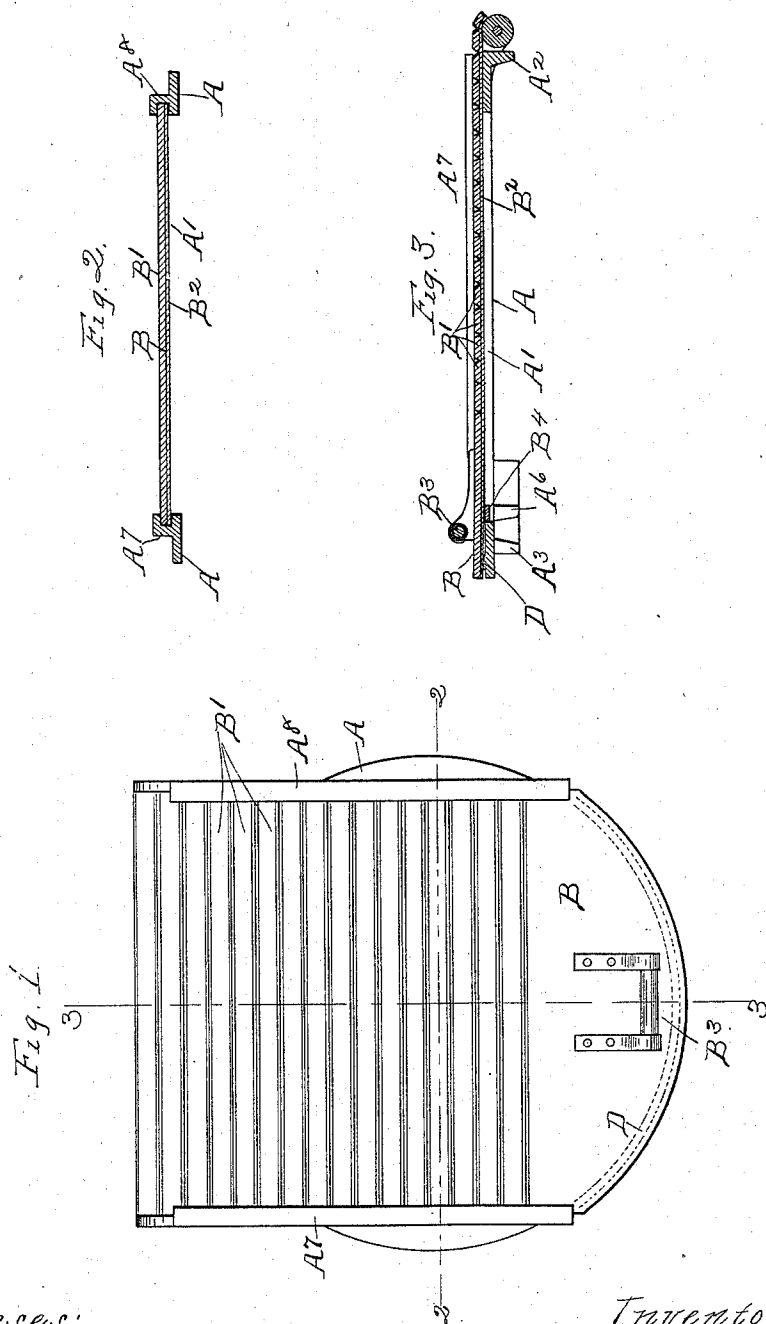
(No Model.)

2 Sheets—Sheet 1.

H. SPRINGSTED.
BARREL COVER.

No. 571,544.

Patented Nov. 17, 1896.



Witnesses:
G. W. Curtis
D. Nolan.

Inventor:
Henry Springsted
by Mosher & Curtis
attys

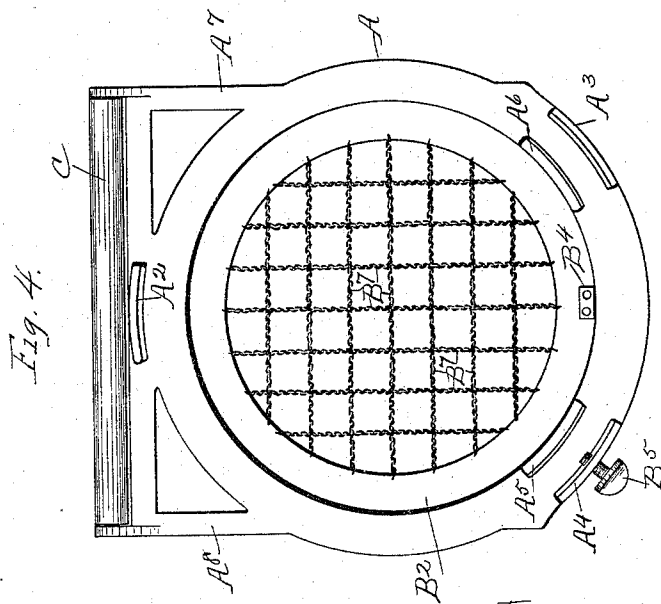
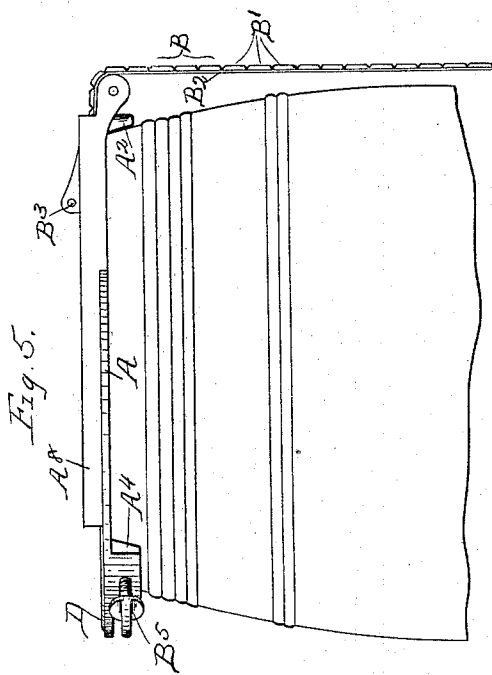
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UNITED STATES PATENT OFFICE.

HENRY SPRINGSTED, OF SCHENECTADY, NEW YORK.

BARREL-COVER.

SPECIFICATION forming part of Letters Patent No. 571,544, dated November 17, 1896.

Application filed December 14, 1894. Serial No. 531,781. (No model.)

To all whom it may concern:

Be it known that I, HENRY SPRINGSTED, a citizen of the United States, residing at Schenectady, county of Schenectady, and State of New York, have invented certain new and useful Improvements in Barrel-Covers, of which the following is a specification.

The invention relates to such improvements; and it consists of the novel construction and combination of parts hereinafter described and subsequently claimed.

Reference may be had to the accompanying drawings, and the letters of reference marked thereon, which form a part of this specification.

Similar letters refer to similar parts in the several views.

Figure 1 of the drawings is a top plan view of my improved barrel-cover in a closed position. Fig. 2 is a vertical cross-section of the same, taken on the broken line 2 2 in Fig. 1. Fig. 3 is a central vertical section taken on the broken line 3 3 in Fig. 1. Fig. 4 is a bottom plan view of the cover. Fig. 5 is a view in side elevation of a barrel provided with my improved cover in an open position.

My improved cover comprises a metal frame A, having a central opening A', depending flanges A², A³, and A⁴, adapted to engage the outer surface of the upper ends of the barrel-staves, and the depending flanges A⁵ and A⁶, adapted to engage the inner surface of the same end of the staves; also with a slideway for the movable top B. The slideway consists of a groove on the inner side of each of the straight ribs or flanges A⁷ and A⁸, forming a part of the cover-frame. The movable top may be of any flexible diaphragm adapted to slide back and forth in the slideway in the frame and cover the central opening therein.

In Figs. 1, 2, and 3 I have shown the movable top comprised of a series of slats B', beveled on their contiguous sides and secured upon a flexible back B², which may be of canvas or other similar material. The slats are placed closely together parallel with each other and extend transversely of the slideway, in which the top moves when it is slid across the frame-opening.

B³ is a handle for operating the top.

The lower side of the movable top is pro-

vided with a lug or stop B⁴, adapted to engage the frame-walls surrounding the frame-opening and limit the slide movements of the top. One or more of the depending flanges may have a thumb-screw B⁵ (shown in the apertured and tapped flange A⁴) to fasten the cover-frame upon the open end of the barrel.

The roller C is rotary in fixed bearings in the cover-frame and is located at the rear end of the slideway to guide the flexible top as it is moved back and forth to open or close the frame-opening.

The cover is shown closed in all the figures except Fig. 5, where it is shown open, the top hanging down back of the barrel from the guide-roller.

D is a small flange or bead projecting upward from the upper face of the frame to be engaged by the top when closed and form a tight joint between the forward edge of the top and the frame. (Shown by solid lines in Figs. 3 and 5 and indicated by dotted lines in Fig. 1.)

When desired, the central part of the top can be meshed in any known manner.

In Fig. 4 I have shown the central part of the top cut away and the opening meshed by stretching across it short chains (represented by the wave-lines B⁷) arranged in the form of network.

I am aware that articles of furniture, such as washstands and desks, have been provided with flexible covers movable in slideways formed in and permanently fixed to such articles; also that a flexible top has been applied to a barrel to slide or rest directly upon and across the upper ends of the staves, and I make no claim to such constructions. My invention differs from the former in that the slideway and top together form a complete device entirely removable from the barrel, and from the latter in that the sliding top does not engage the edges of the staves. It is seldom that a cheap wooden barrel, such as is commonly used in the grocer's trade, will be found with a sufficiently smooth upper edge to afford a suitable slideway-surface for a slatted top as the ends of the staves become broken and project unequally. I therefore find it desirable and necessary to provide for the flexible top a slideway-frame which can rest upon the uneven ends of the staves

and always afford a smooth slideway in which the top can move easily and with little wear.

What I claim as new, and desire to secure by Letters Patent, is—

5 The combination with the partly-slatted cover having a handle on the upper side and a stop on the lower for limiting the throw, of the metallic frame provided on the upper side with grooves for guiding and holding said
10 cover and on the lower side with a circular rim or rest having a plurality of depending

flanges or lugs extending below the barrel-top, and the roller journaled below the level of the cover in the projecting ears of said frame, as set forth.

In testimony whereof I have hereunto set my hand this 8th day of December, 1894.

HENRY SPRINGSTED.

Witnesses:

GEO. A. MOSHER,
FRANK C. CURTIS.