

(No Model.)

E. ROTH LISBERGER.

TOP PROP NUT.

No. 313,772.

Patented Mar. 10, 1885.

Fig. 1.

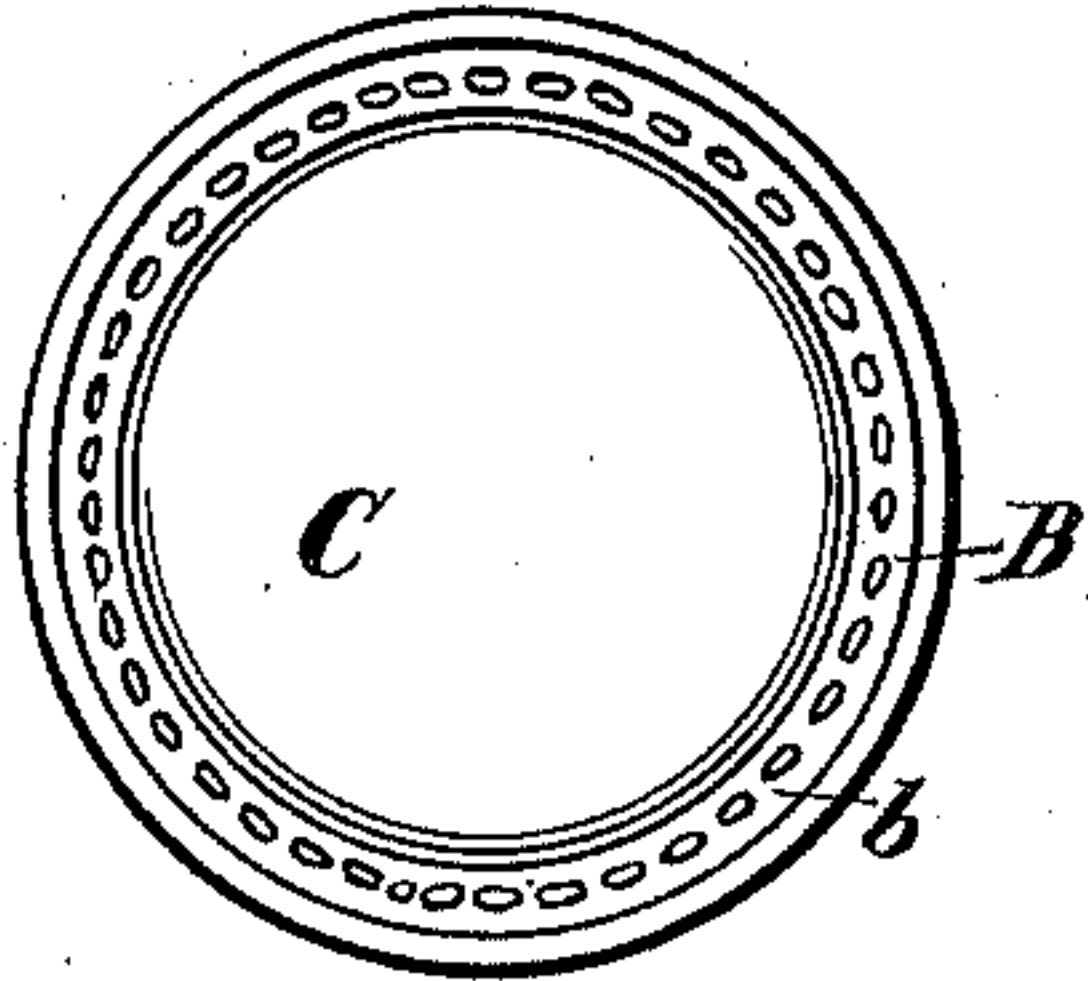


Fig. 2.

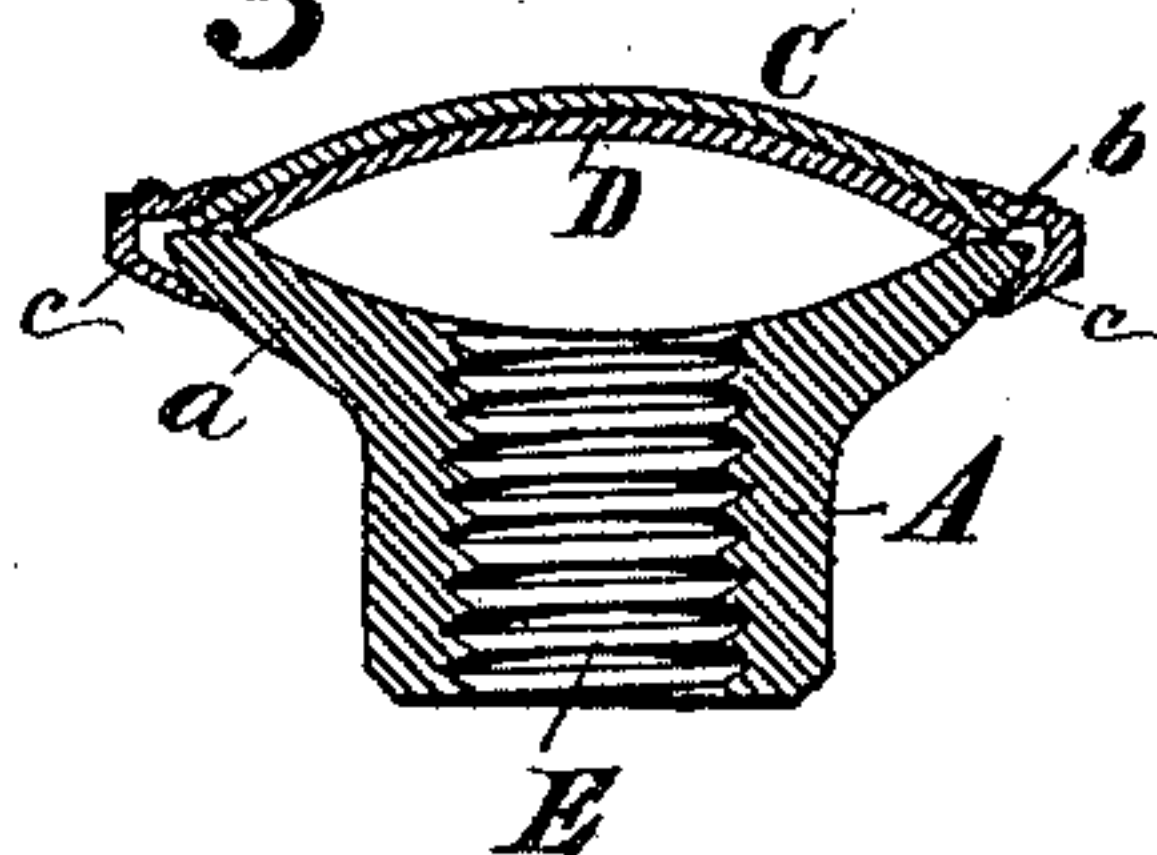


Fig. 3.



Fig. 4.

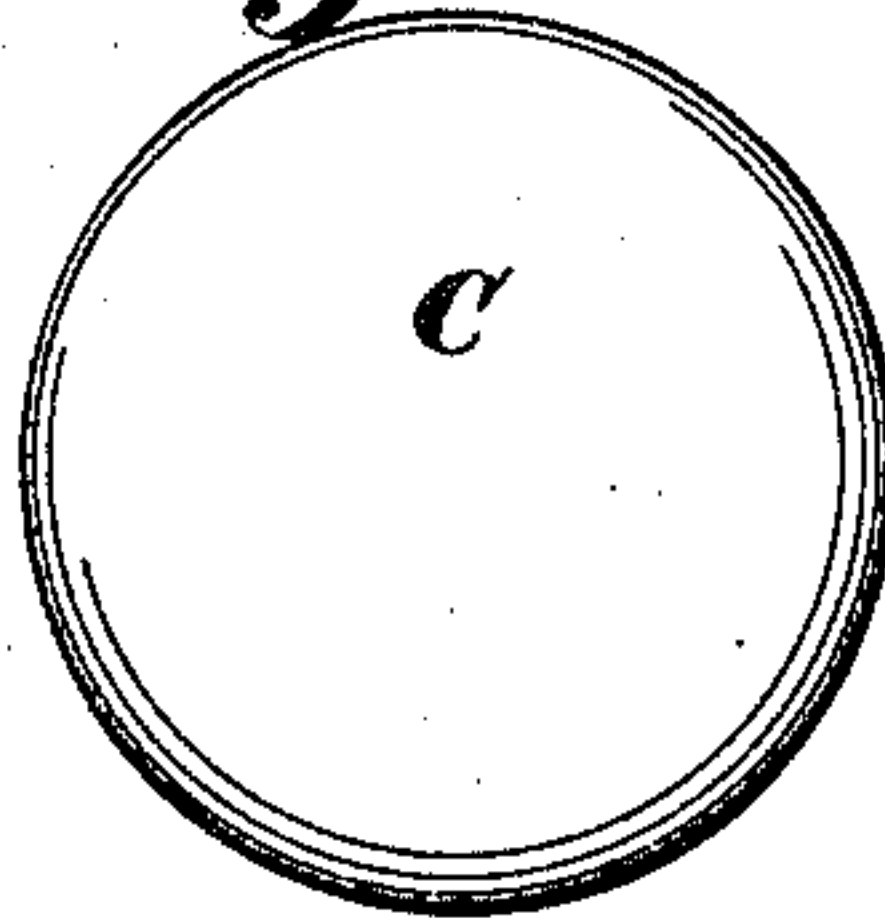


Fig. 5.

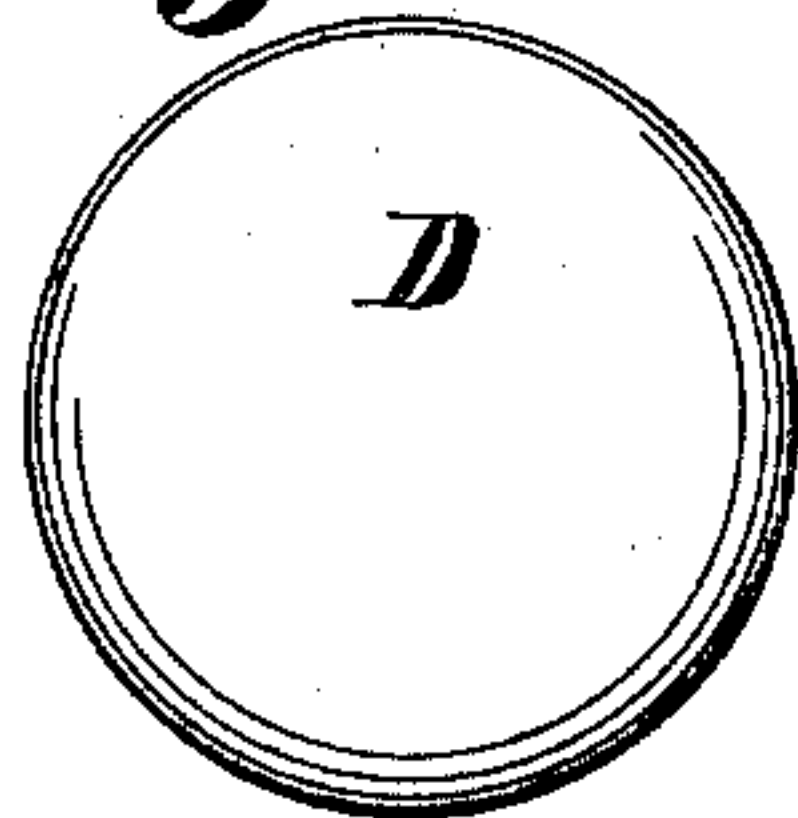
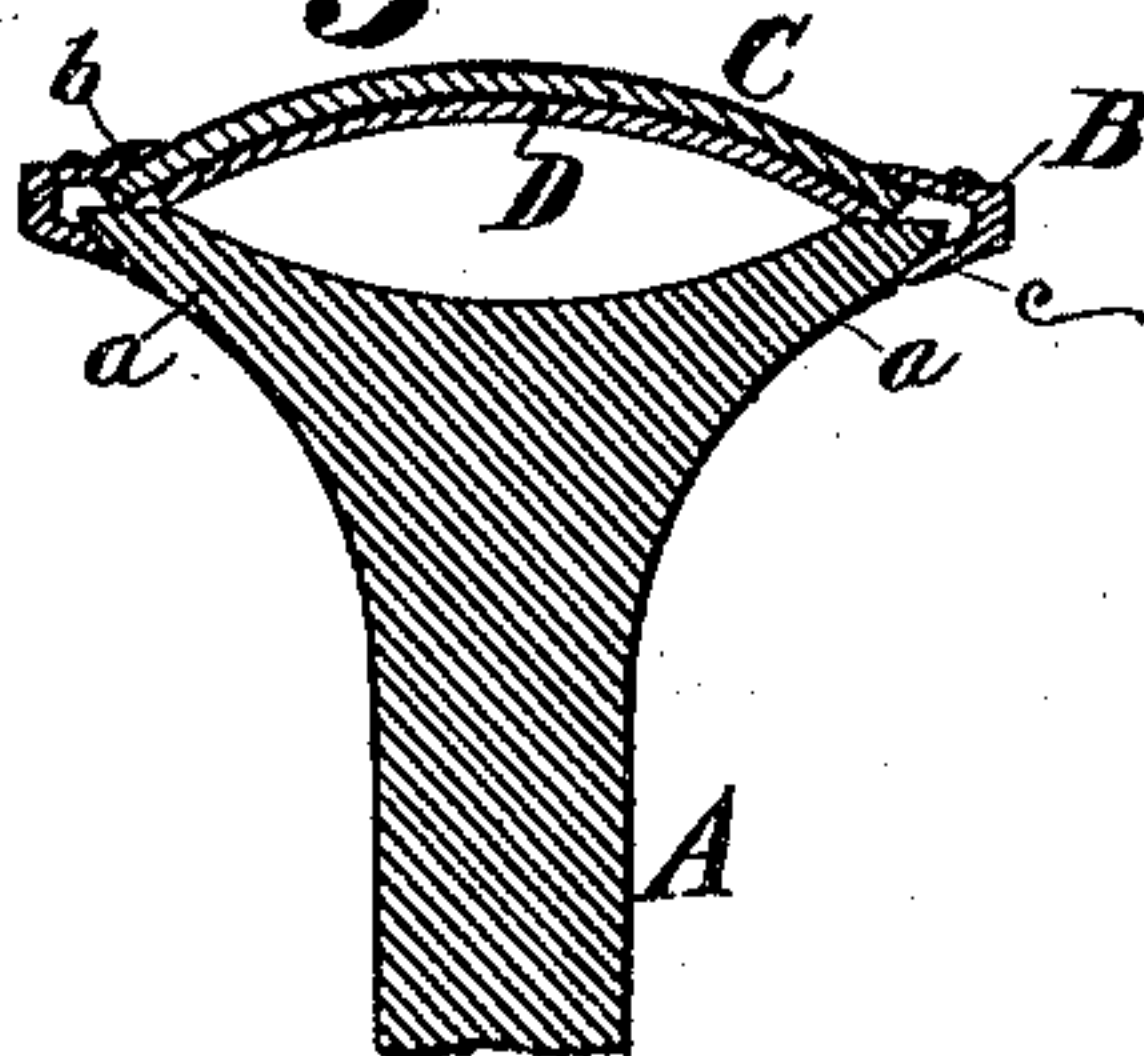


Fig. 6.



Attest

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ERNESTE ROTH LISBERGER, OF CINCINNATI, OHIO.

TOP-PROP NUT.

SPECIFICATION forming part of Letters Patent No. 313,772, dated March 10, 1885.

Application filed May 29, 1884. (No model.)

To all whom it may concern:

Be it known that I, ERNESTE ROTH LISBERGER, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Carriage-Top Bolt-Heads, of which the following is a specification.

My invention relates to the manufacture of bolt-heads adapted to be used for carriage-tops and other similar purposes.

The object of my invention is to furnish a cheap ornamental leather-finished bolt-head, which may be screw-threaded and used as a prop-nut, or may be permanently attached to the shank of the bolt, as desired, all of which will be fully set forth in the description of the accompanying drawings, in which—

Figure 1 is a top plan view of my improved bolt-head. Fig. 2 is a vertical cross-section showing the same screw-threaded. Fig. 3 is a vertical cross-section of the molding. Fig. 4 is a plan view of the finished or ornamental portion of the head. Fig. 5 represents a metallic stiffening-blank. Fig. 6 shows the bolt-head permanently attached to the shank.

A represents a metallic shank, which is provided with a circular concave head, *a*.

B represents a molding, which is struck up from an annular sheet-metal blank, first into the form shown in Fig. 3.

b represents the horizontal portion of the molding, which covers the outer peripheral edge of the bolt-head.

c represents a vertical flange.

C represents a circular piece of finished leather or other fibrous material of sufficient size to fit within the vertical flange *c*.

D represents a concave metallic blank, which is used as a stiffening to support and hold the leather in its position. After the blank D has been struck up to the form shown in Fig. 3, the leather C is placed within the cup of flanges *b c*, the finished side uppermost. This

stiffening metallic blank D is placed against the leather. This is made concave or cup-shaped, so that its outer edge will rest upon the upper side of the shank-head *a*, and the concave portion will hold the leather firmly in the desired form. The head of shank *a* is placed within the molding-flange *c*, which flange is then spun or turned down upon the under side of the flange *a* of the head of the shank, the molding *b c* firmly holding the parts A B C D together to form the bolt-head. When this bolt-head is desired to be used as a nut, the shank is pierced and tapped with screw-threads E to engage with the threads of the bolt to which the head is to be applied. When this bolt-head is not designed to be used as a tap, the shank A is made solid, as shown in Fig. 6, in which form it is used as a bolt or rivet. The molding *b* may have imitation stitches struck up upon its inner periphery, so as to imitate leather-stitching, as shown in Fig. 1.

I claim—

1. A bolt-head for carriage-tops combining in its structure a shank, A, having the head *a*, the disk D, resting on the head, the covering C upon the disk, and the molding B, overlying the edge of the covering and secured to the head, substantially as described.

2. A bolt-head for carriage-tops consisting of the following elements, to wit: the shank A, having the circular head *a*, the concavo-convex disk D, resting at its edge on the head, the flexible covering C on the disk, and the molding B, having the flanges *b* overlying the covering and the flange *c* underlying the head, substantially as described.

In testimony whereof I have hereunto set my hand.

ERNESTE ROTH LISBERGER.

Witnesses:

JOS. W. SIMS,
M. E. MILLIKAN.