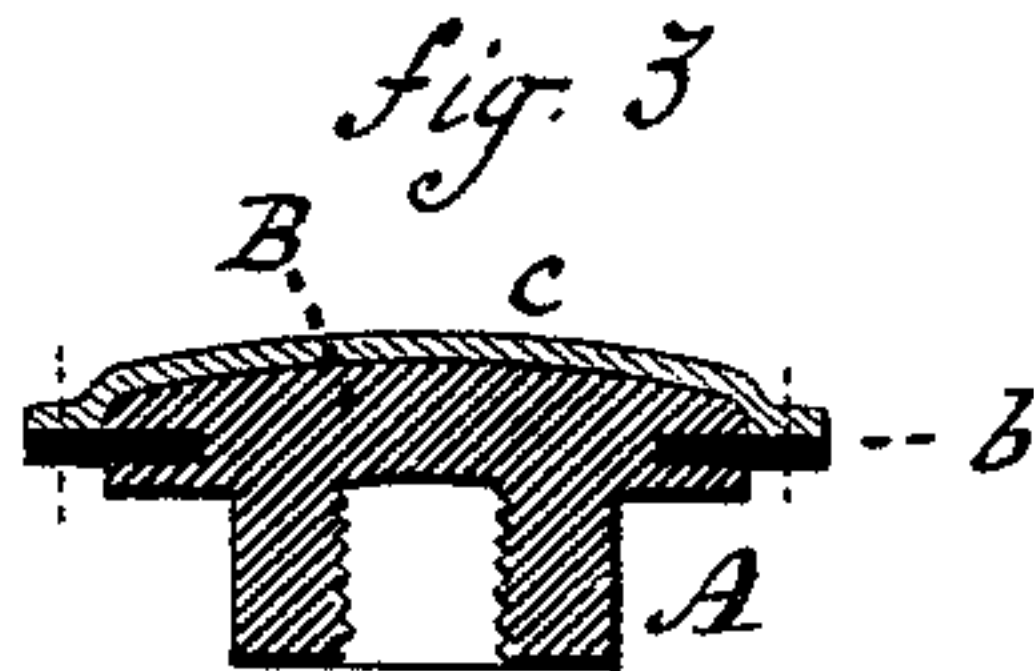
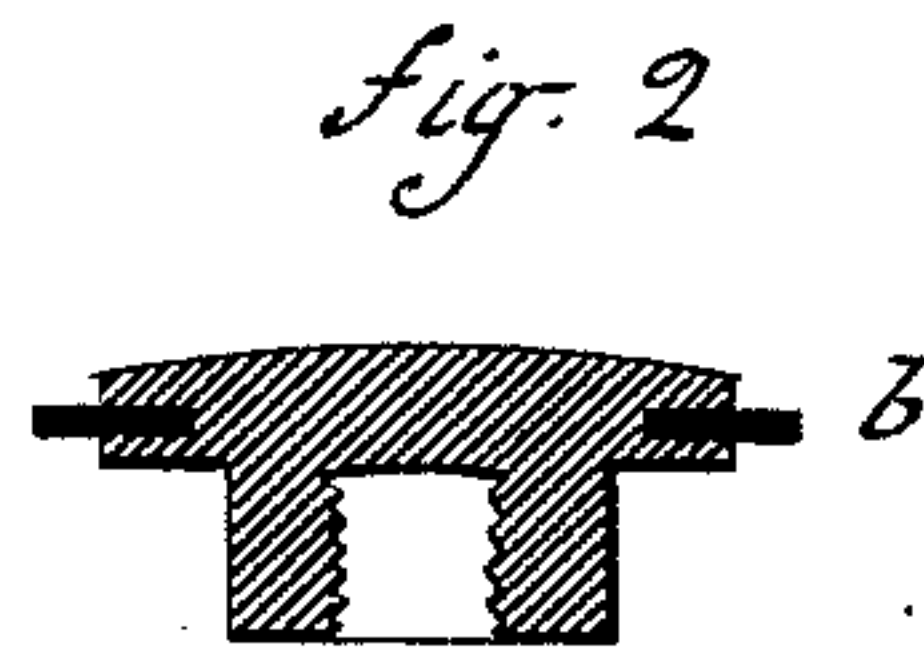
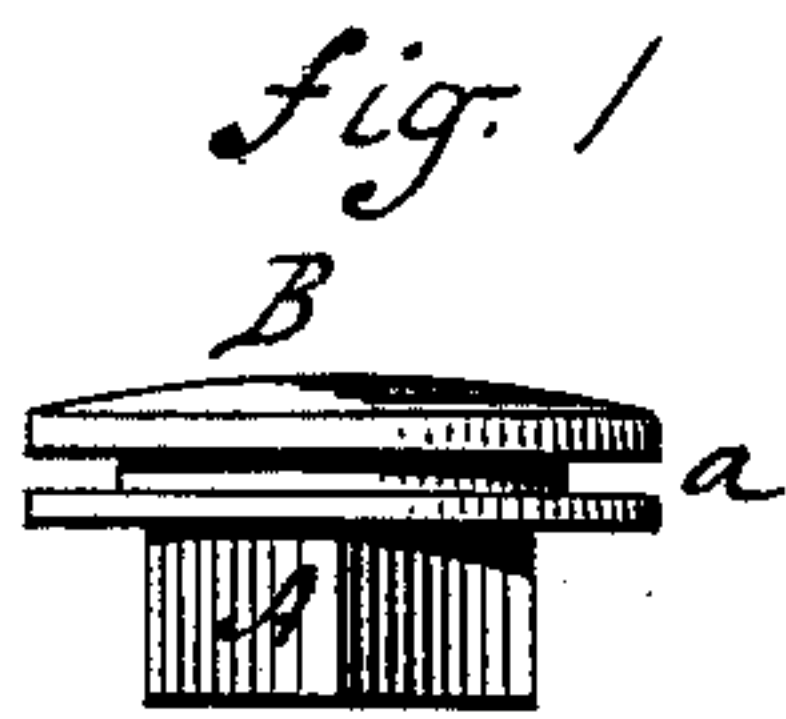


F. A. BRADLEY.  
Top-Prop Nut.

No. 218,425.

Patented Aug. 12, 1879.



Witnesses

*J. H. Murray*  
*Jas. C. Earle*

*Fred. A. Bradley*  
Inventor  
By Atty.  
*Wm. Earle*

# UNITED STATES PATENT OFFICE.

FREDERICK A. BRADLEY, OF NEW HAVEN, CONNECTICUT.

## IMPROVEMENT IN TOP-PROP NUTS.

Specification forming part of Letters Patent No. **218,425**, dated August 12, 1879; application filed March 31, 1879.

*To all whom it may concern:*

Be it known that I, FREDK. A. BRADLEY, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Carriage-Top-Prop Nuts; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view of the blank nut; Fig. 2, a section with the inner part of the covering attached; Fig. 3, a section of the complete nut.

This invention relates to an improvement in the article known to the trade as "carriage-top-prop nut," which is applied to top-props to secure the braces thereon, and particularly to that class of these nuts which are covered with leather or similar material; and it consists in the construction as hereinafter described, and particularly recited in the claim.

A is the nut, on the outer end of which is the head B. This head I make slightly thicker than in the usual construction, and around the edge of the head I cut a groove, *a*, of sufficient thickness to receive the inner piece of leather.

The inner piece of leather or similar material is cut in ring shape, its external diameter larger and its internal diameter smaller than the diameter of the head, and so the inner edge of the ring (represented at *b*, Fig. 2) may be set into the groove *a* in the edge of the head. Then the edge of the head is "struck" to set the metal hard onto and so as to secure the ring in place. Then the disk *c*, which is to form the cover, is placed over the head and stitched or otherwise secured to the ring *b* and around the edge of the head, as seen in Fig. 3.

This method of covering the nut secures the covering to the nut so that it cannot be displaced or misshaped by wetting or use—a difficulty experienced in the use of nuts covered by the usual method.

I claim—

In top-prop nuts, the head constructed with a groove, *a*, around its edge, the ring *b* in said groove, and the covering secured to said ring, substantially as described.

F. A. BRADLEY.

Witnesses:

J. H. SHUMWAY,  
JOS. C. EARLE.