

(No Model.)

H. HIGGIN.

PROP NUT.

No. 347,240.

Patented Aug. 10, 1886.

Fig. 1.

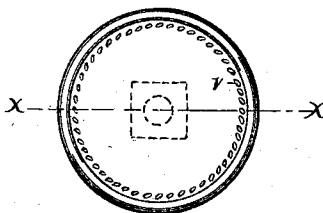


Fig. 2.

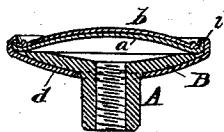


Fig. 3.

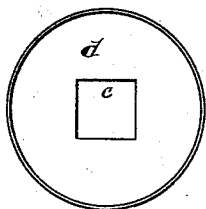


Fig. 5.

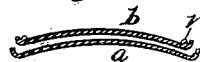
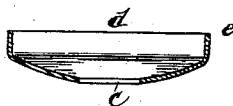


Fig. 4.



Attest

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HENRY HIGGIN, OF NEWPORT, KENTUCKY.

PROP-NUT.

SPECIFICATION forming part of Letters Patent No 347,240, dated August 10, 1886.

Application filed December 21, 1885. Serial No. 186,402. (No model.)

To all whom it may concern:

Be it known that I, HENRY HIGGIN, a resident of Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Prop-Nuts, of which the following is a specification.

My invention relates to an improved prop-nut for carriage-tops and othersimilar articles.

The objects of my invention are to provide a metallic-finished nut of durable form of construction, of sheet metal, attached to a malleable shank and disk; also to conceal the joints or lapping of the metallic plates.

Other features of my invention will be set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a top plan view of my improvement; Fig. 2, a cross-section on line *xx*, Fig. 1; Fig. 3, a plan view of the bottom finishing-plate; Fig. 4, a cross-section of the same; Fig. 5, a cross-section of the upper plates, which are nested together before finishing.

A represents the shank of a prop-nut; B, the disk of ordinary construction.

a represents a lining-plate; *b*, a finishing-plate; *d*, a bottom finishing-plate. These several plates are struck up by dies in the form shown in Figs. 4 and 5. Plates *a b* are then placed upon the upper face of disk B, and plate *d*, having the orifice *c*, to receive the shank A of the nut, is then placed against the under side of the disk B. The upper edge of the rim *e* of the plate *d* projects sufficiently above the upper edges of plates *a b* to allow it to be doubled over, as shown in Fig. 2, and pressed against the inner edge of the upper finishing-plate, *b*, the bottom of the doubled-over edge resting in the corner of the upturned edge of the plate *b*, and bearing firmly down upon the concave portion of said plate. This effectually conceals the joint and makes a very strong, firm prop-nut.

v represents a series of imitation stitches, which may be formed in plate *b* by any well known means.

The object of the two plates *a b* is to have the under plate stiffen and support the upper plate, *b*, and enable the parts to be made of very thin metal.

It is obvious that the plate *b* could be covered with leather of similar shape, resting on said plate and applied before the edge *e* of the cup-plate *d* is bent over, and then when said rim is turned over it will rest and hold the leather in position without affecting the object of the invention, which is to have the cup-plate *d* bent around over the upturned edge of one or more finishing-plates, *a b*, forming the joint upon the inside and at the bottom of the upturned rim *i* of the finished nut. This rim *i* improves the appearance of the nut and effectually conceals the joint from observation. Another object of having the concealed joint is, that in applying japan or other finishing material the joint is invisible.

Having described my invention, what I claim is—

1. A prop nut composed of the shank A, disk B, and cup-plate *d*, which passes around over the edge of the disk and turns down to rest upon the finishing-plate *b*, substantially as herein specified.

2. A prop-nut composed of the shank A, disk B, and cup-plate *d*, which passes around over the edge of the disk, is turned down, and rests upon the finishing-plate *b*, forming a raised rim, *i*, upon the periphery of the nut, substantially as herein specified.

In testimony whereof I have hereunto set my hand.

HENRY HIGGIN.

Witnesses:

EDWARD BOYD,
JNO. S. ROEBUCK, Jr.