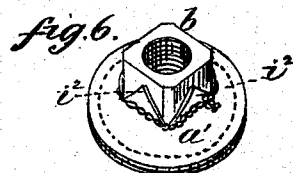
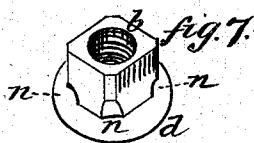
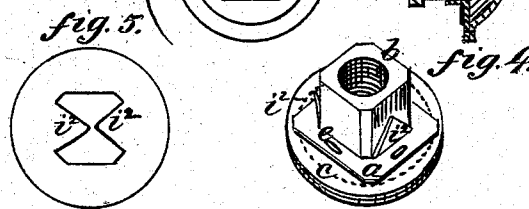
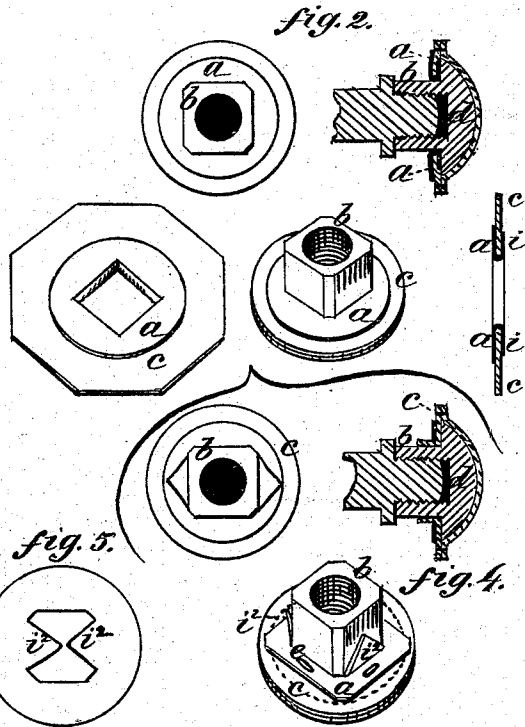
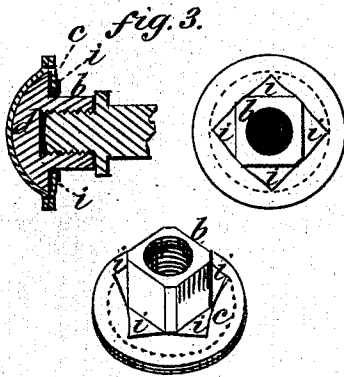
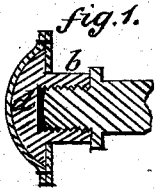


L. T. SMITH.
LEATHER COVERED NUTS.

No. 186,375.

Patented Jan. 16, 1877.



Witnesses:

J. H. Rutherford
David Norris

Inventor:

Lyman T. Smith
by *Johnson & Johnson*
Attys.

UNITED STATES PATENT OFFICE.

LYMAN T. SMITH, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN LEATHER-COVERED NUTS.

Specification forming part of Letters Patent No. 186,375, dated January 16, 1877; application filed August 4, 1876.

To all whom it may concern:

Be it known that I, LYMAN T. SMITH, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Covered Nuts for Carriage-Tops, of which the following is a specification:

The leather cover of carriage-top nuts is sewed over the head of the nut, and is liable, when wet, to rub off.

My improvement is designed to prevent this by combining, with the nut and the leather cover, a binder or fastening which serves as a stiffener to the back of the sewed cover, and lies upon the flat side of the head and upon the shank or screw end of the nut, so as to make, in effect, a metallic eye to the open back of the cover, said metallic eye being fastened by lips to the cover-back before the two pieces are sewed together.

The fastening may be placed between the cover and the head of the nut, or upon the outside of the cover, and clamped, in either case, by lips over the edges of the opening.

In the accompanying drawings, Figure 1 represents a section of a covered nut now in use; Fig. 2, a section, back, and perspective views of a covered nut embracing my invention, the back piece of the cover being also shown detached, in perspective and section, with the stiffener bound in the opening; Fig. 3, similar views, showing the stiffener fastened with the holding-points turned out; and Figs. 4, 5, 6, and 7 are modifications of the cover-fastening.

The headed nuts for carriage-tops are covered with leather by sewing two pieces together, the inner or back piece, Fig. 2, being cut out to fit over the nut end, and the cover is only held on by its fitting over the nut-head and upon the screw end, and which does not give a secure or effective hold.

By my improvement the cover is held per-

manently upon the nut by means of a binder-fastening, *a*, which forms the eye in the back of the cover *c*, and lies round the nut end *b*, and against the inner side of the head *d*, in such manner as to make the back *c* stiff and secure to the head. The plate *a* has the opening cut with scallop-points *i*, which may be folded over and bound to the cover-edges of the opening, either inward, as in Fig. 2, or outward, as in Fig. 3, so that the back of the cover is made stiff and cannot work off. The nut end is square or angular-sided, by which it is screwed in place upon the top-jointings by means of a wrench. The nut end *b* has a screw-threaded socket to screw upon the top-jointing against a shoulder.

In making the cover the back piece has the stiffener secured within its central opening before it is stitched to the cap portion, so that when the stitching is finished the back of the cover is tight and stiff upon the nut.

The plate-stiffener is a thin plate, easily and quickly applied, and with little expense.

The modifications show the opening in the leather back provided with scallop-points, instead of the scalloped plate.

The binder may be of any suitable material. A thin plate, however, gives the required stiffness, and forms the metallic eye applied to the inner side and the screw end of the nut-head.

I claim—

The binder *a*, secured to the back of the cover, as described, in combination with the cover and the headed nut *b d* of a carriage-top-setting frame, substantially as and for the purpose herein set forth.

In testimony whereof I have affixed my signature in the presence of two witnesses.

LYMAN T. SMITH.

Witnesses:

JULIUS TWISS,
EARLISS P. ARVINE.