No. 812,966. PATENTED FEB. 20, 1906.

L. A. WEYBURN.

CALK FOR HORSESHOES.

APPLICATION FILED DEC. 13, 1905.

Fig. 1.

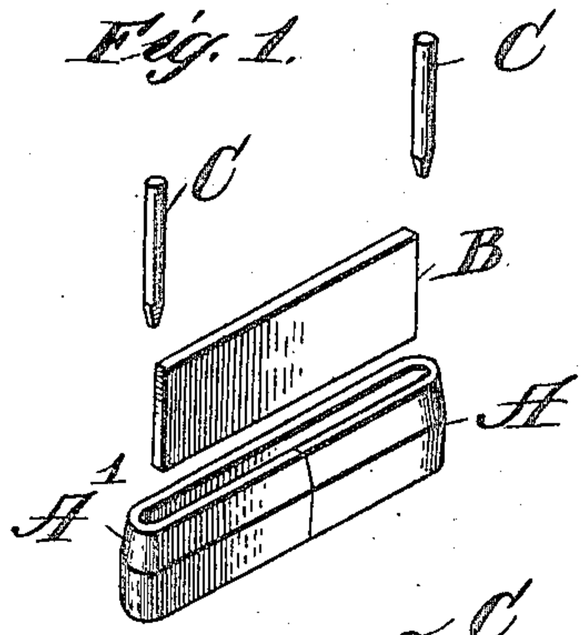


Fig. 2.

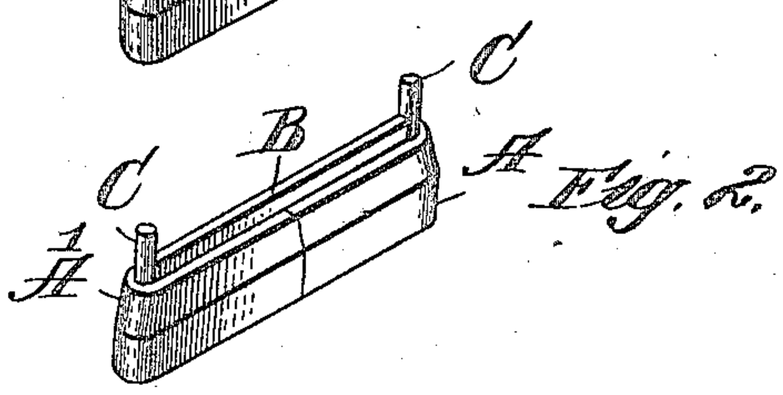


Fig. 3.

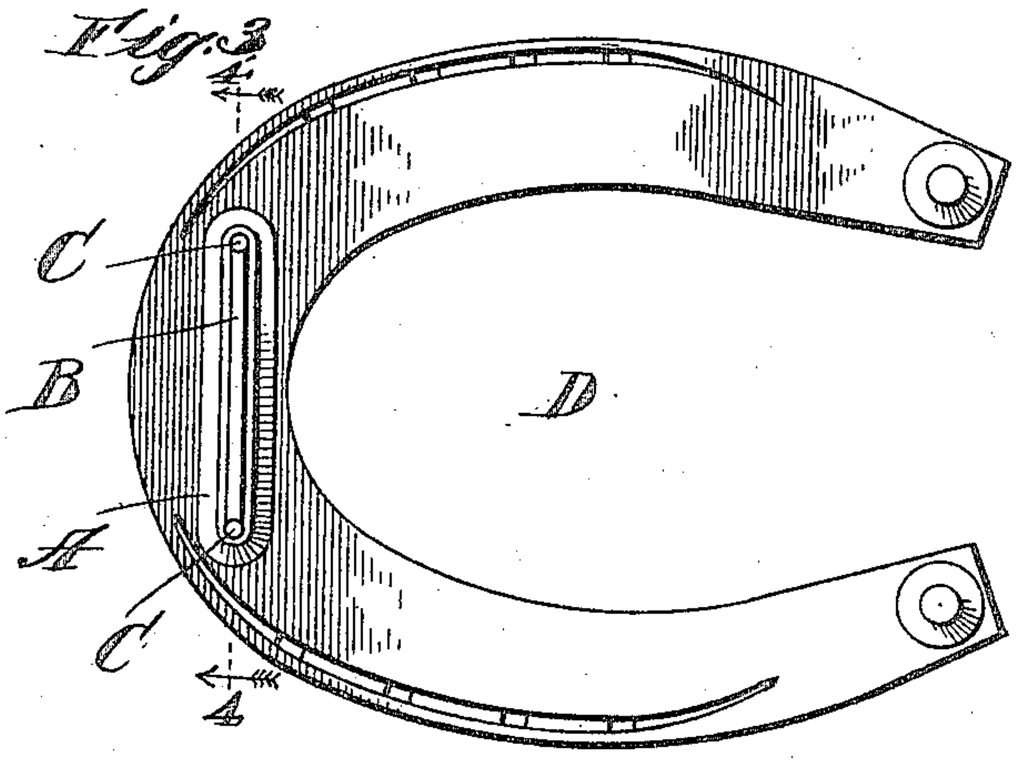


Fig. 4.

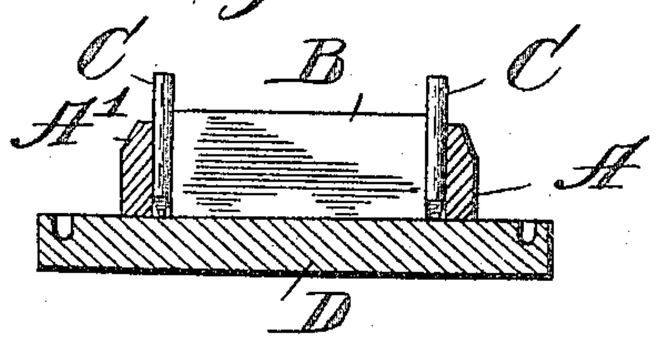
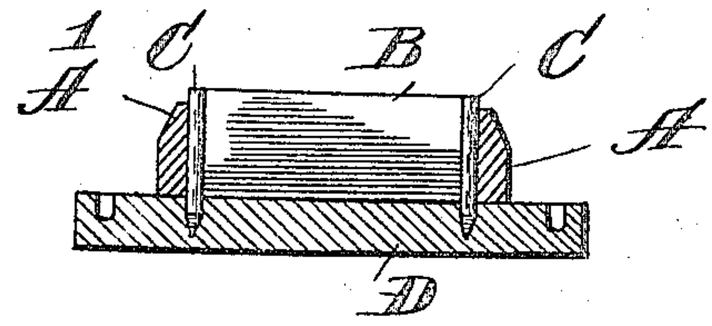


Fig. 5.



Witnesses

G. A. Rauberschmidt

Nellie E. Connett.

Inventor:

Lewis A. Weyburn,

By L. L. Woodward,

Atty

UNITED STATES PATENT OFFICE.

LEWIS A. WEYBURN, OF ROCKFORD, ILLINOIS.

CALK FOR HORSESHOES.

No. 812,966. Specification of Letters Patent. Patented Feb. 20, 1906.

Application filed December 13, 1905. Serial No. 291,636.

To all whom it may concern:

Be it known that I, LEWIS A. WEYBURN, a citizen of the United States of America, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Calks for Horseshoes, of which the following is a specification.

My invention relates specifically to a toe-calk for horseshoes, comprising a tubular soft-metal casing, elongated-O-shaped in cross-section, a flat rectangular hard-metal center included in and preferably projecting edgewise from the outer end of the casing, and metal attaching-pintles inserted between the ends of the center and of the aperture in the casing; and its object is the production of a thoroughly practical improved calk that can be conveniently manufactured at moderate cost, all as will hereinafter appear

Referring to the accompanying drawings, which form a part of this specification, Figure 1 is an isometrical detail view of the casing, center, and attaching-pintles separated from each other. Fig. 2 is a like view of the same, assembled and secured together by frictional contact of the component parts thereof. Fig. 3 is a bottom plan view of a horseshoe provided with my improvement. Fig. 4 is a section at the dotted line 4 4 in Fig. 3, showing the calk resting upon the toe portion of the heated shoe ready to have the attaching-pintles driven thereinto. Fig. 5 is a like view showing the attaching-pintles driven into the heated metal of the shoe.

Like letters of reference indicate corresponding parts throughout the several views.

A is a tubular soft-metal casing, elongated-O-shaped in cross-section and tapering at its outer end A′.

B is a flat rectangular hard-metal center included in and preferably projecting edgewise from the outer end of the casing A.

C are attaching-pintles, preferably of hard metal.

The separate parts composing the calk are shown in Fig. 1. In Fig. 2 they are shown as assembled and secured together as a unit by the soft-metal casing A, clamped about the hard-metal center and attaching-pintles.

The calk shown in Fig. 2 is applied to a horseshoe D in the following manner: The toe portion thereof is first heated to redness and placed on an anvil. The calk is then placed thereon in the position shown in Figs. 3 and 4. The attaching-pintles C are next driven into the heated metal of the shoe, as shown in Fig. 5. The toe portion of the shoe, with the calk thus attached thereto, is then again inserted in the fire and heated to a white heat. A female die, the counterpart of the calk and provided with a suitable handle, is next placed thereover and struck heavily with a hammer until the parts composing the calk are welded together into a single piece and to the shoe.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A toe-calk for horseshoes, comprising a tubular soft-metal casing elongated-O-shaped in cross-section, a flat rectangular hard-metal center included in, and preferably projecting edgewise from the outer end of, the casing and metal attaching-pintles inserted between the ends of the center and of the aperture in the casing.

2. A toe-calk for horseshoes, comprising a tubular soft-metal casing elongated-O-shaped in cross-section and tapering at its outer end, a flat rectangular hard-metal center included in, and projecting edgewise from the tapering end of, the casing and hard-metal attaching-pintles inserted between the ends of the center and of the opening in the casing.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEWIS A. WEYBURN.

Witnesses:
A. R. MORGAN,
S. VALENTINE SAXBY.