

No. 898,032.

PATENTED SEPT. 8, 1908.

I. S. BRASSINGTON.
REMOVABLE CALK FOR HORSESHOES.

APPLICATION FILED MAR. 26, 1908.

Fig. 1.

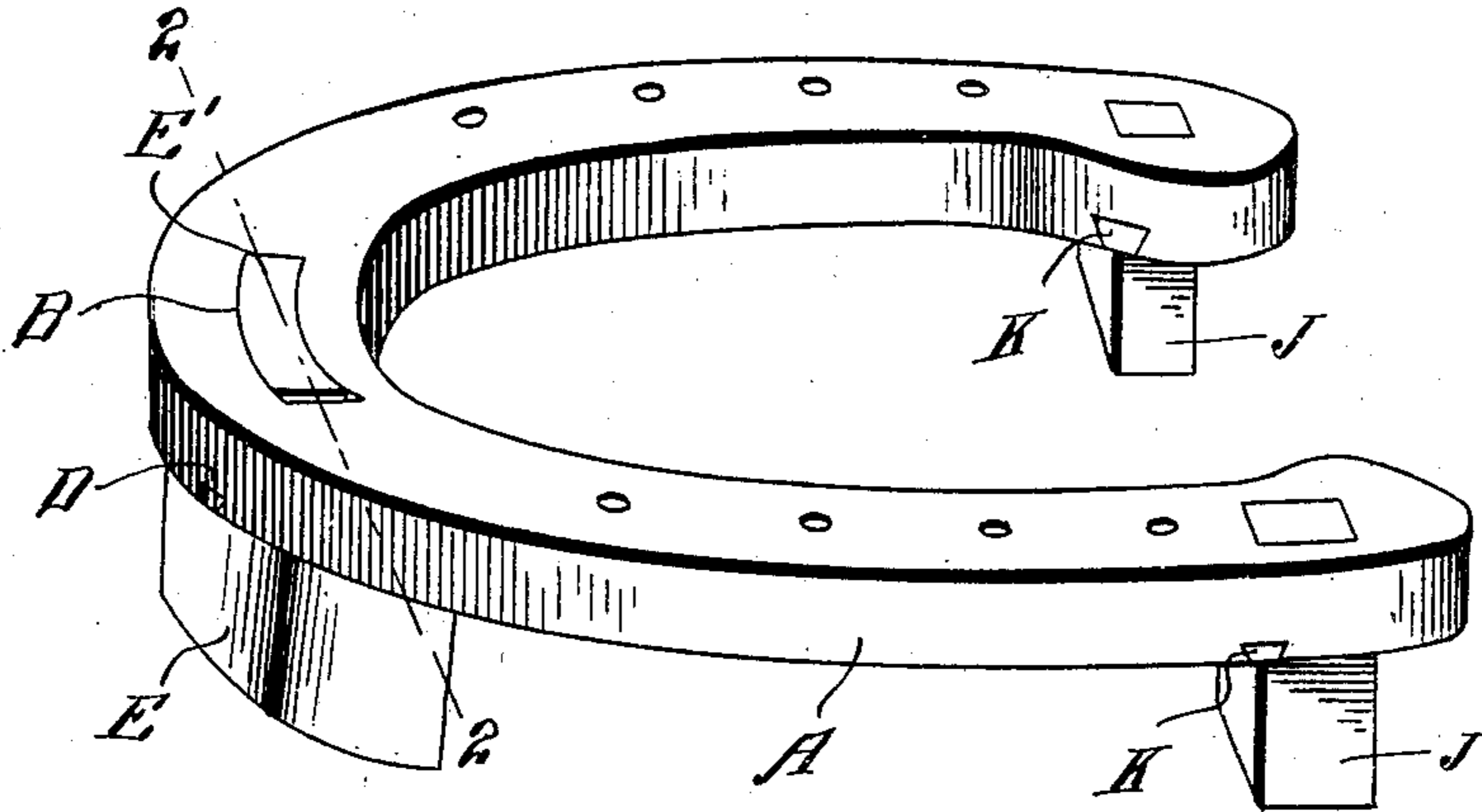


Fig. 2.

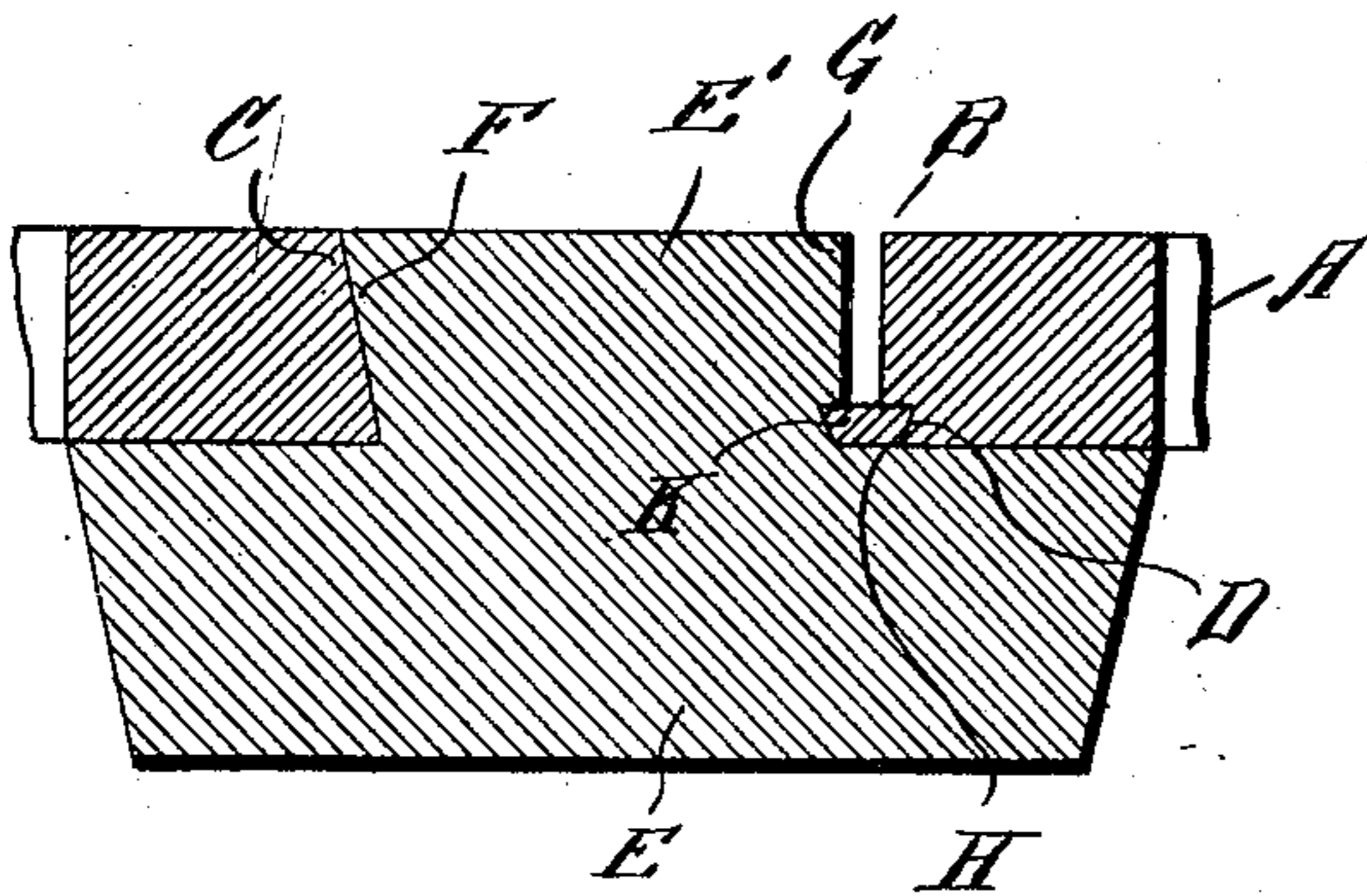
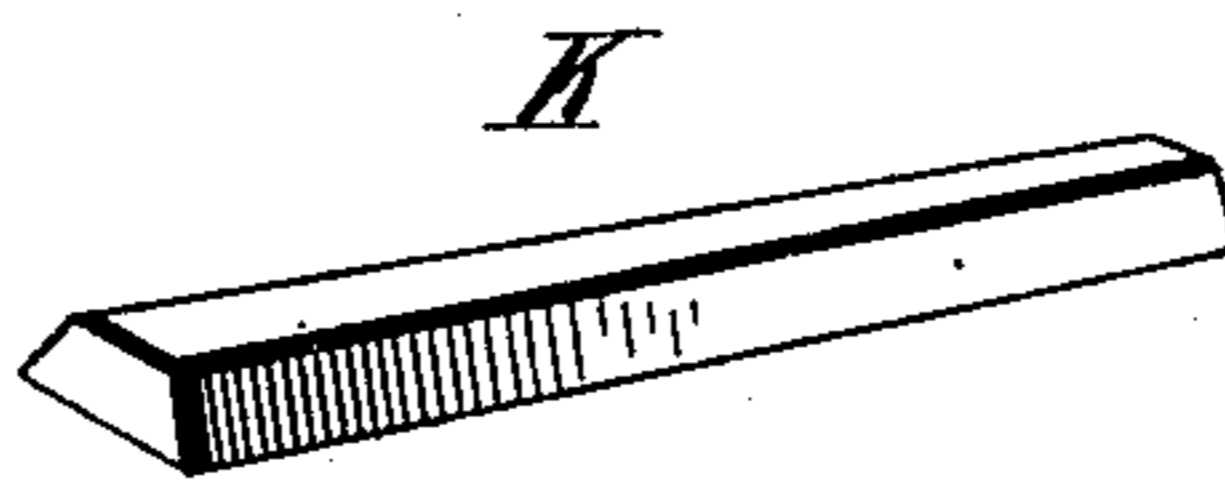


Fig. 3.



WITNESSES:

H. F. Hoyle
a Lough

INVENTOR

Charles S. Brassington,
By *Franklin D. Hoyle*

Attorney

UNITED STATES PATENT OFFICE.

ISAAC S. BRASSINGTON, OF MOUNT CARMEL, PENNSYLVANIA.

REMOVABLE CALK FOR HORSESHOES.

No. 898,032.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed March 26, 1908. Serial No. 423,443.

To all whom it may concern:

Be it known that I, ISAAC S. BRASSINGTON, a citizen of the United States, residing at Mount Carmel, in the county of Northumberland and State of Pennsylvania, have invented certain new and useful Improvements in Removable Calks for Horseshoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in removable calks for horse-shoes and the object in view is to produce a simple and efficient device of this nature so arranged that the calks, when worn out, may be easily and quickly replaced by new ones, the calk having a shank portion held in place by means of a tapering dove-tailed key designed to engage a notch in the end of the shank which is at right angles to the calk, while the opposite end of the calk has dove-tail connection with the shoe.

The invention comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the shoe with the calk fastened thereto. Fig. 2 is a cross sectional view on line 2—2 of Fig. 1, and Fig. 3 is an enlarged detail view of the locking key.

Reference now being had to the details of the drawings by letter, A designates a horse-shoe having a rectangular outlined slot B formed in the toe thereof, one end wall of said slot being preferably inclined, as at C. A dove-tailed slot D is formed in the under surface of the shoe and cuts transversely through said slot B.

E designates a toe calk having a shank portion E', one end F of which is at an acute angle to the length of the calk forming, with the inclined end C of the slot B, a dove-tail connection. The opposite end G of the shank of said calk is at right angles to the calk and has

a transverse groove H formed therein, which groove, when the calk is adjusted with said shank in the slot B, registers with the grooved slot D.

K designates a key which is dove-tailed and tapering and is designed to engage the dove-tailed slot D formed in the toe of the shoe and also to engage the groove or notch H formed in the end of the shank E', thereby securely holding the calk in place. Suitable heel calks J are provided which are each held in place by means of a tapering dove-tail key K engaging the shank of the calk in the same manner as described in the toe calk.

From the foregoing, it will be noted that, by the provision of a horse-shoe having a removable calk made as shown and described, a simple and efficient means is afforded whereby the calk may be securely held in place and easily removed when desired to replace the same by a new calk or for other purposes by simply loosening the wedge-shaped dove-tailed key.

What I claim to be new is:—

A removable calk for horse-shoes comprising, in combination with a shoe having an elongated slot formed in the toe thereof, one end wall of said slot being inclined, the other end at right angles to the face of the shoe and provided with a tapering keyway at the lower marginal edge of the opening, a toe calk having a shank portion conforming to the shape of the slot at the toe of the shoe in which it is seated, one end of the shank of said calk being undercut and forming with the inclined end wall of the slot a dove-tail connection, the opposite end of the shank of the calk having a tapering keyway opposite the keyway in the end of the slot, a tapering key having its opposite longitudinal edges inclined to conform to said inclined keyways and adapted to hold one end of the shank of the calk in dove-tail connection with the end of the slot, a space intervening between the opposite end of the slot and the adjacent end of the shank of the calk, as set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

ISAAC S. BRASSINGTON.

Witnesses:

F. E. TICE,
W. K. LORD.