

No. 864,901.

C. E. MAUD.

PATENTED SEPT. 3, 1907.

ATTACHMENT FOR HORSESHOES.

APPLICATION FILED MAY 1, 1905. RENEWED JUNE 10, 1907.

Fig. 1.

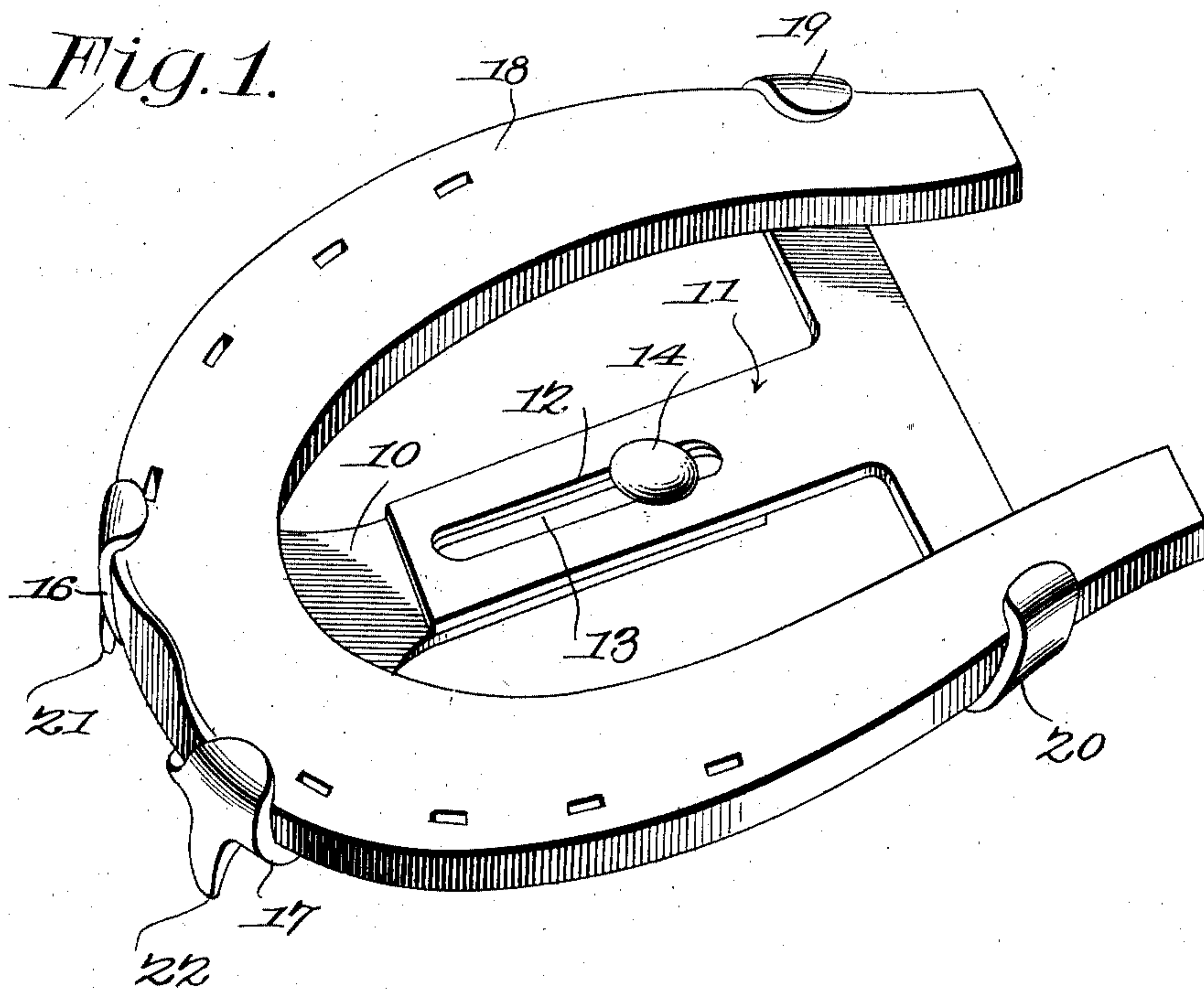
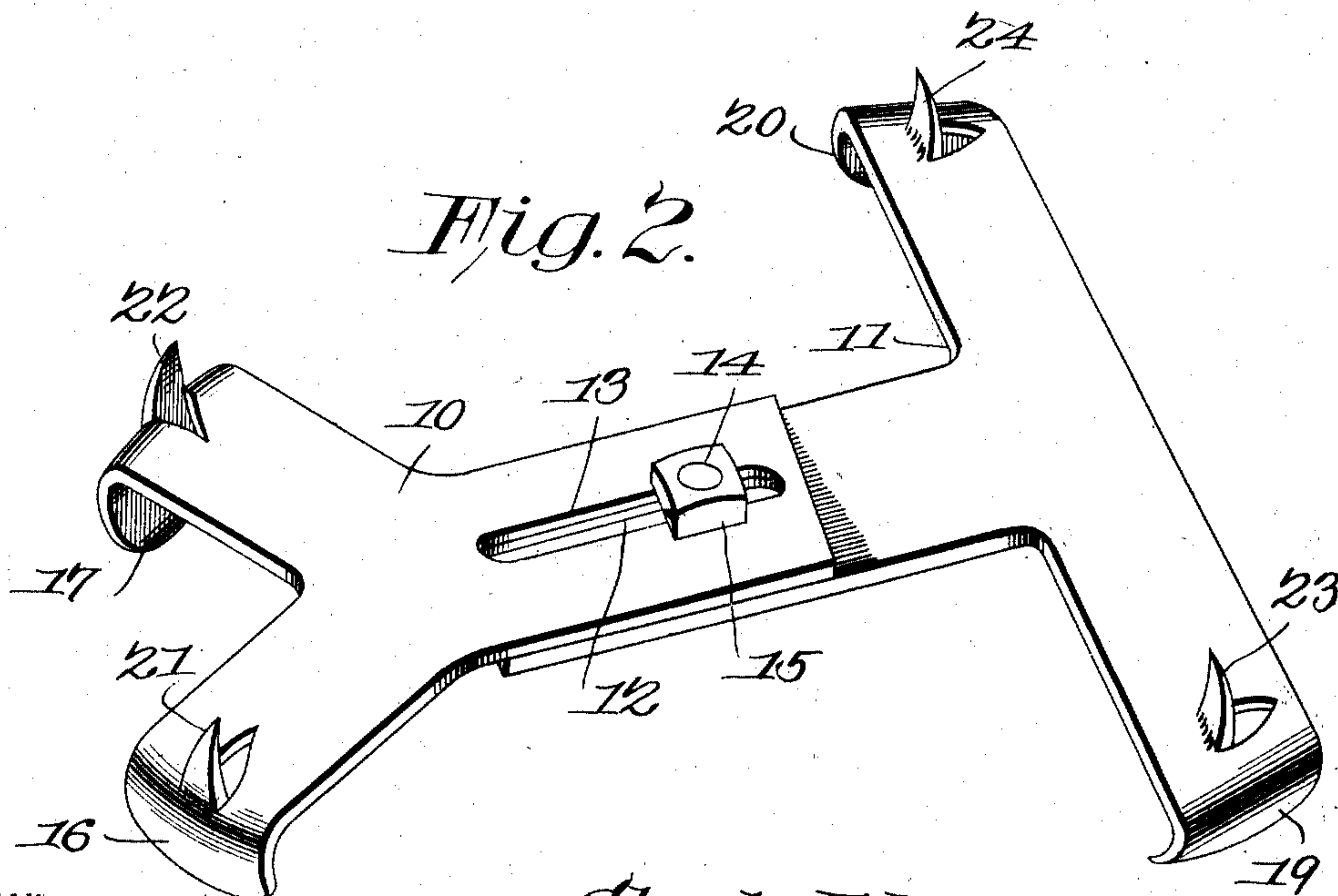


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES E. MAUD, OF SAN FRANCISCO, CALIFORNIA.

ATTACHMENT FOR HORSESHOES.

No. 864,901.

Specification of Letters Patent.

Patented Sept. 3, 1907.

Application filed May 1, 1905, Serial No. 258,223. Renewed June 10, 1907. Serial No. 378,281.

To all whom it may concern:

Be it known that I, CHARLES E. MAUD, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Attachment for Horseshoes, of which the following is a specification.

This invention relates to attachments for horse shoes for use in the winter time to prevent slipping upon snow or ice, and has for its object to simplify and improve the construction and increase the efficiency and utility of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed:—Figure 1 is a perspective view from above, of a horse shoe with the improved attachment applied. Fig. 2 is a perspective view, inverted, of the improved attachment.

The improved device comprises a member 10 of Y-shape and a member 11 of T-shape with their shanks overlapping and provided with longitudinal slots 12—13 through which a clamp bolt 14 operates and provided with a clamp nut 15.

The terminals of the Y-shaped member 10 are bent into clips 16—17 for bearing against the toe portion of the horse shoe represented at 18 and “clenched” over the top of the same as shown in Fig. 1, and the terminals of the T-shaped member 11 are likewise provided with clips 19—20 for bearing against the outer faces of the heel portions of the horse shoe and “clenched” over the top of the same. By this simple means it is obvious that the two parts 10 and 11 may be firmly clamped to the horse shoe and irremovable therefrom unless the bolt 14—15 be released.

Formed in the outer ends of the member 10 are V-shaped clefts providing integral tongues 21—22 which when bent at right angles to the member 10 form ice and snow engaging spurs or “calks”, and similar V-shaped clefts are formed in the member 11 whereby similar spurs or “calks” 23—24 are formed adjacent to the “heel” portion of the device.

The members 10 and 11 are each “struck” from a single piece of sheet or plate metal and bent into the re-

quired shape by suitable dies, and can therefore be inexpensively manufactured, and will be very strong and durable.

The device can be readily adapted to all the various sizes and forms of horse shoes in use, and can be quickly attached and detached, as required, and when worn or broken can be renewed at small expense.

Having thus described the invention, what is claimed is:—

1. An attachment for horse shoes, comprising a Y-shaped toe member having upwardly extending clips at the forward ends for engaging the toe portion of the horse shoe and with downwardly extending spurs adjacent to the toe clip portions, a T-shaped heel member having upwardly extending clips for respectively engaging the heel portions of a horse shoe and with downwardly extending spurs adjacent to said heel clip portions with the shank portions of said members for overlapping beneath the shoe, and means for adjustably clamping said overlapping portions.

2. An attachment for horse shoes, comprising a Y-shaped toe member having upwardly extending clips at the forward ends for engaging the toe portion of the horse shoe and with downwardly extending spurs adjacent to the toe clip portions, a T-shaped heel member having upwardly extending clips for respectively engaging the heel portions of a horse shoe and with downwardly extending spurs adjacent to said heel clip portions with the shank portions of said members for overlapping beneath the shoe, and provided with longitudinal slots, a clamp bolt operating through said slots.

3. An attachment for horse shoes, comprising a Y-shaped toe member having upwardly extending clips at the forward ends for engaging the toe portion of the horse shoe and with V-shaped clefts therethrough for producing tongues for bending into downwardly projecting spurs adjacent to said toe engaging clips, a T-shaped heel member having upwardly extending clips for respectively engaging the heel portions of the horse shoe and with V-shaped clefts therethrough for producing tongues for bending into downwardly projecting spurs adjacent to said heel engaging clips, with the shank portions of said members overlapping beneath the shoe, and means for adjustably clamping said overlapping portions.

4. An attachment for horse shoes, comprising a Y-shaped toe member having upwardly and inwardly extending clips at the forward ends for bearing against the outer face of the toe portion and extending over the top of the horse shoe and with downwardly extending spurs adjacent to the toe clip portions, a T-shaped heel member having upwardly and inwardly extending clips for respectively bearing against the outer faces of the heel portions of the shoe and extending over the top of the same and with downwardly extending spurs adjacent to said heel clip portions with the shank portions of said members for overlapping beneath the shoe, and means for adjustably clamping said overlapping portions.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CHARLES E. MAUD.

Witnesses:

PURCELL ROWE,

CARL A. JOHNSON.