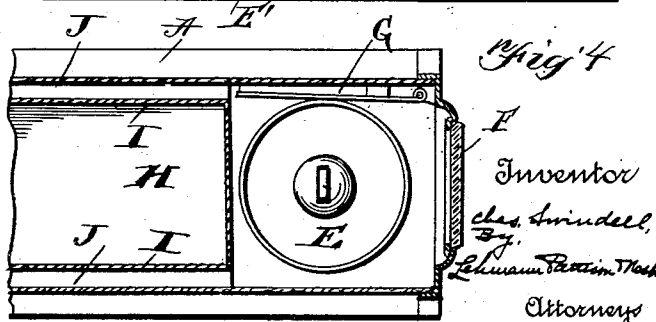
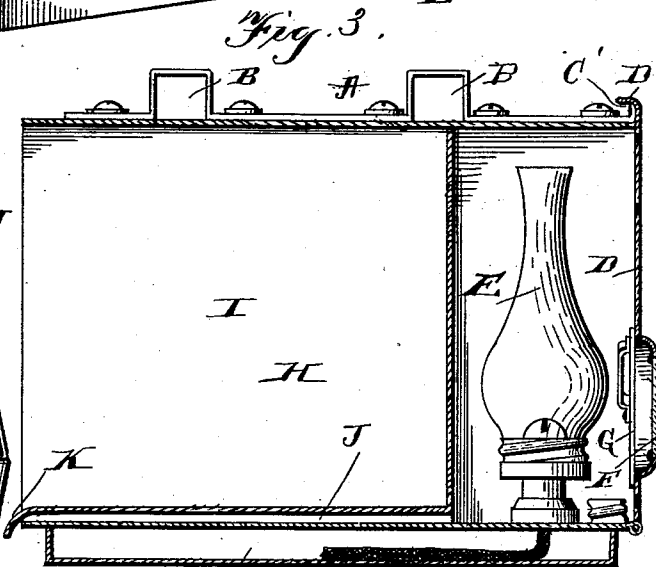
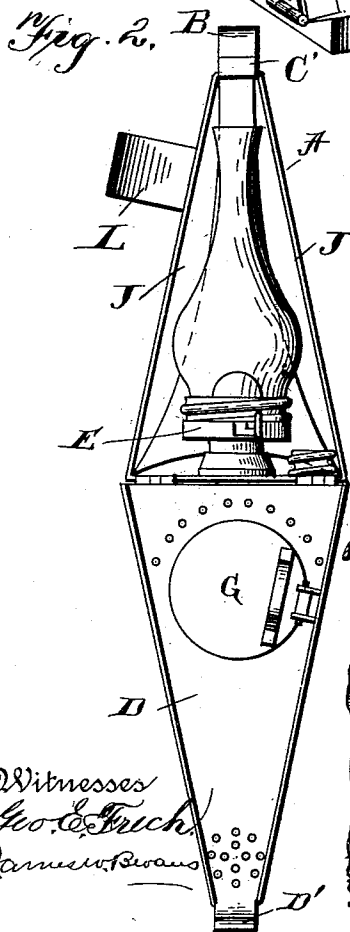
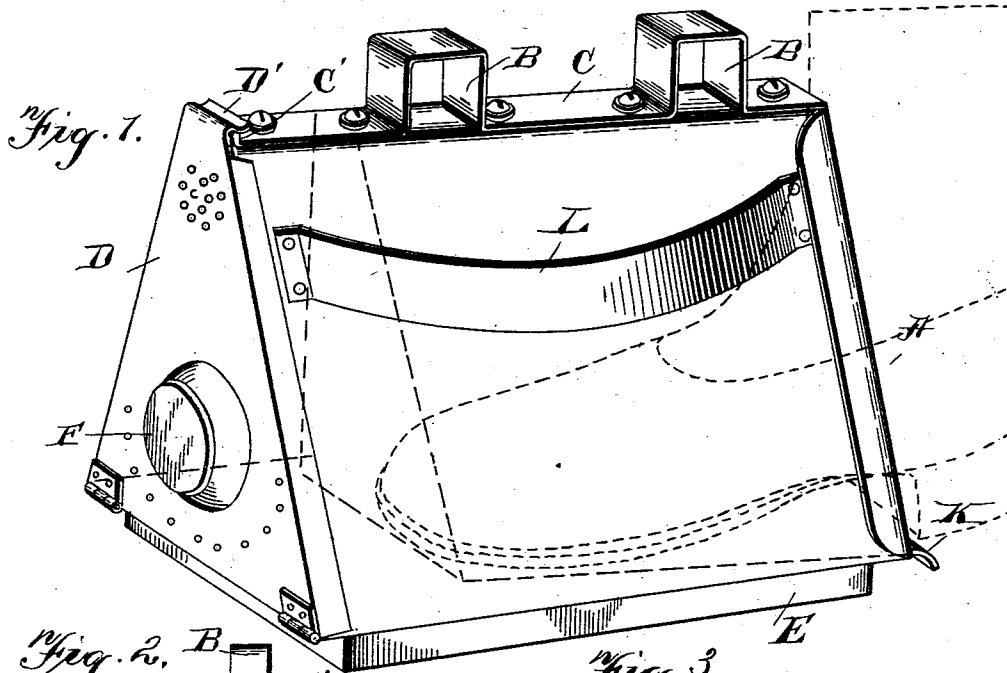


(No Model.)

C. SWINDELL.
SADDLE STIRRUP.

No. 569,071.

Patented Oct. 6, 1896.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES SWINDELL, OF POLLARD, TENNESSEE.

SADDLE-STIRRUP.

SPECIFICATION forming part of Letters Patent No. 569,071, dated October 6, 1896.

Application filed September 30, 1895. Serial No. 564,243. (No model.)

To all whom it may concern:

Be it known that I, CHARLES SWINDELL, of Pollard, in the county of White and State of Tennessee, have invented certain new and useful Improvements in Saddle-Stirrups; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

This invention pertains to saddle-stirrups, and the object thereof is to provide a stirrup of improved construction with a lamp adapted to generate heat for keeping warm the foot of the rider and also to provide light when used at night.

The invention consists in novel features of construction hereinafter fully described and claimed, and illustrated by the accompanying drawings, in which—

Figure 1 is a perspective view of the stirrup. Fig. 2 is an end elevation, the lamp-chamber door being in a lowered or open position. Fig. 3 is a vertical longitudinal sectional view. Fig. 4 is a sectional plan view of the front portion of the stirrup.

A designates the outer casing of the stirrup, having the suspending-loops B upon its upper side, said loops being formed of a continuous piece of metal C, properly bent and at its forward end turned upward, as at C', to form a catch. To the forward end of casing A is hinged the door D, having its upper extremity reduced and curved to form the spring-latch D', which engages catch C' and holds the door closed.

Within the forward end of the casing A is lamp E, the oil-reservoir E' therefor being formed on the bottom of the casing. Door D is arranged with the glass F, whereby the light is thrown forward from the stirrup and lights the way for the rider. The spring-shutter G is arranged on the inner side of the door D and adapted normally to close over glass F, as in Fig. 2 and in dotted lines in Fig. 3, when the light is not desired. When the light is wanted, the shutter G is held open while door D is being closed, thus passing to one side of the lamp-chimney and held open thereby.

The foot-cavity H is formed of a separate inner casing I, secured at its upper end to casing A, but at its sides and bottom separated

therefrom to form heat-circulating spaces J. These spaces are closed at their rear ends, with the exception of the bottom space, which is there provided with an outlet K, communicating with the lamp-chamber, and thus the heat is circulated about the foot, the outlet K permitting the desired circulation. The foot-space H, while open at its rear end for the foot-entrance, is closed to the heat-circulating space, so that while said foot-space is kept warm no heat can escape thereinto. The outwardly-curved guard L is arranged on the outer side of the stirrup to hold the same, which becomes quite warm from contact with the horse.

Heretofore it has been proposed to provide stirrups with combined heating and lighting attachments, and to this no broad claim is laid; but

What is claimed, and sought to be protected by Letters Patent, is—

1. A stirrup comprising an outer casing, a heating device therein, and a foot-casing within the outer casing and separated therefrom at its bottom and sides, whereby heat-circulating spaces are formed.

2. A stirrup comprising an outer casing open at its forward end, a door for said end, the lamp within the casing at said end, the foot-casing within the outer casing and to the rear of and in line with the lamp, said foot-casing being smaller than the stirrup-casing whereby the heat-circulating spaces are formed about the foot-casing and the same is adapted to be kept warm by heat from the lamp, substantially as shown and described.

3. A stirrup comprising an outer casing, a foot-casing smaller in transverse area than the outer casing and fitting therein and at its top secured to the top of the outer casing whereby heat-circulating spaces are formed between the bottoms and sides of the casings, the foot-casing stopping short of the front end of the outer casing to form a lamp-chamber, the heat-circulating spaces communicating with said chamber but at the rear ends closed with the exception of the bottom space which is open to the outer air, and a lamp in the lamp-chamber, substantially as shown and described.

CHARLES SWINDELL.

Attest:

O. D. SWINDELL,
L. F. SWINDELL.