

C. L. FIANDT & W. L. MEEK.
STIRRUP.

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1,065,438.

Patented June 24, 1913.

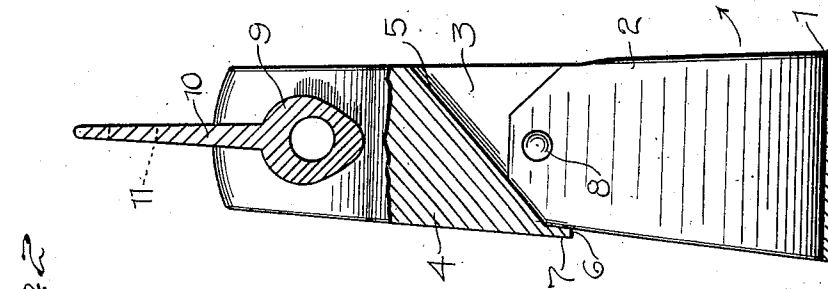


Fig. 2

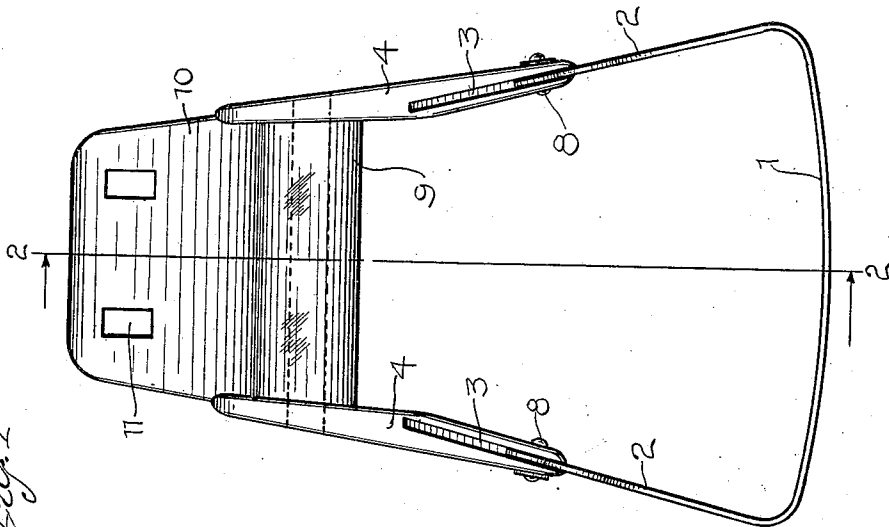


Fig. 1

Witnesses
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UNITED STATES PATENT OFFICE.

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STIRRUP.

1,065,438.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, CHARLES L. FIANDT and WILLIAM L. MEEK, citizens of the United States, residing at Upton, in the county of Weston and State of Wyoming, have invented certain new and useful Improvements in Stirrups, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to new and useful improvements in stirrups and more particularly to safety stirrups and one of the principal objects of the invention is to provide a stirrup in which the side bars and foot
15 piece are made in sections pivotally connected together so that the slight movement of the foot within the stirrup will move the sections so as to release the foot from the stirrup.

20 Another object of the invention is to provide a stirrup of the above character which will possess advantages in points of efficiency and durability, is inexpensive of manufacture and at the same time is simple
25 in construction and operation.

With the above and other objects in view, the invention consists in the novel features of construction and the combination and arrangement of parts to be hereinafter more
30 fully described, pointed out in the claims and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a stirrup constructed in accordance with our invention.
35 Fig. 2 is a longitudinal sectional view taken on the line 2—2 of Fig. 1.

Referring more particularly to the drawings, 1 indicates the foot rest having the upwardly projecting side members 2 which
40 are pivotally secured within the recess 3 formed in the lower ends of the side bars 4. The recesses 3 are provided with an inner inclined wall 5, the inner end of which extends vertically as shown at 6 to form a
45 suitable stop 7 against which one edge of the side pieces 2 of the foot rest are adapted to abut to limit the swinging movement of the foot rest in one direction.

The foot rest 1 is pivotally mounted upon
50 the pins 8 and adapted to swing in the direction indicated by the arrow in Fig. 2 and it will be apparent that the outward swinging movement of the rest will be limited by

the inclined wall 5. Arranged between the outer ends of the bars 4 and integrally connecting the same is a central portion 9 hav- 55 ing a web 10 formed integral therewith and projecting outwardly between the ends of the bars 4, said web being provided upon opposite sides of its longitudinal center with
60 openings 11 adapted to receive the retaining straps from which the stirrup is suspended.

From the above description taken in connection with the accompanying drawings, it will be readily apparent that we have provided a safety stirrup in which the side bars and foot piece are made in sections and
65 pivotally connected together so that slight movement of the foot within the stirrup will move the sections so as to release the foot therefrom. It will also be apparent that we have provided a simple and durable
70 stirrup which can be quickly and readily attached to a suspension strap or readily detached therefrom. The device in itself is
75 extremely simple in construction and can be manufactured at a comparatively low cost.

While we have shown and described the preferred form of our invention, it will be obvious that various changes in the details
80 of construction and in the proportions may be resorted to for successfully carrying our invention into practice without sacrificing any of the novel features or departing from the scope of the appended claims. 85

What we claim is:—

1. In a device of the character described, the combination of side bars having tapering recesses formed in the lower ends thereof, a foot rest having side pieces, the upper
90 ends of which are pivotally secured within said recesses for swinging movement, means for preventing the swinging movement of said foot rest in one direction, a central portion integrally connecting said side bars, 95 a web formed on said central portion and provided with openings arranged upon opposite sides of the longitudinal center thereof.

2. In a device of the character described, 100 the combination of side bars, having tapering recesses formed in the lower ends thereof, a foot rest having side pieces, the upper ends of which are pivotally mounted within said recesses for swinging movement, a stop 105 formed at one side of each of said recesses;

and against which said side pieces are adapted to abut to prevent the swinging movement thereof in one direction, a central portion integrally connecting said side bars, a
5 web formed on said central portion and provided with openings arranged upon each side of the longitudinal center.

In testimony whereof we hereunto affix

our signatures in the presence of two witnesses.

CHARLES L. FIANDT.
WILLIAM L. MEEK.

Witnesses:

JUAN JENKINS,
CLEVE TRACY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
