

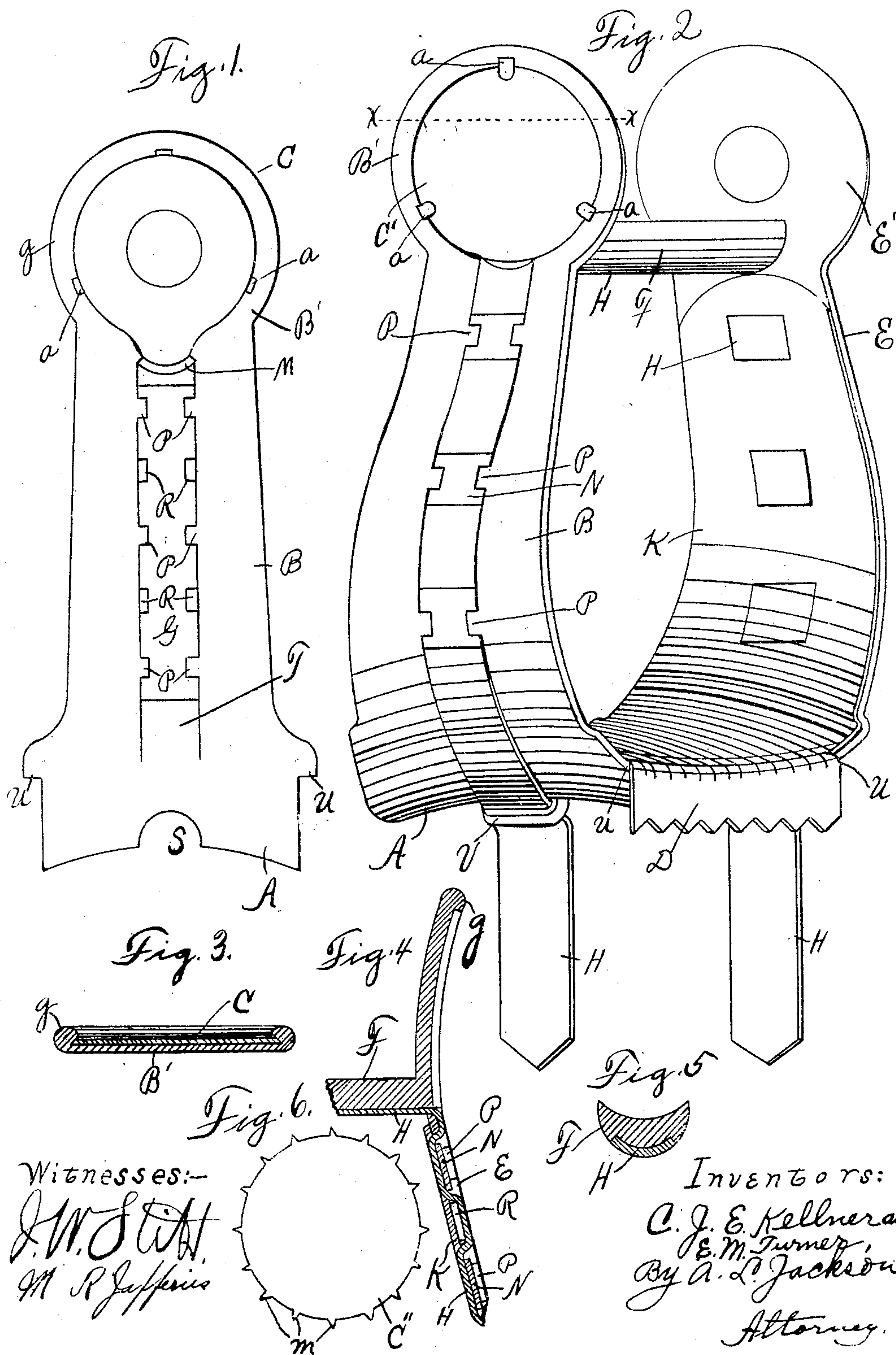
No. 803,695.

PATENTED NOV. 7, 1905.

C. J. E. KELLNER & E. M. TURNER.

STIRRUP.

APPLICATION FILED FEB. 27, 1902.



Witnesses:-

J. W. Smith
M. R. Jaffers

Inventors:

C. J. E. Kellner and
E. M. Turner,
By A. L. Jackson,
Attorney.

UNITED STATES PATENT OFFICE.

CHARLES J. E. KELLNER, OF FORT WORTH, TEXAS, AND EPHRAIM M. TURNER, OF DENVER, COLORADO.

STIRRUP.

No. 803,695.

Specification of Letters Patent.

Patented Nov. 7, 1905.

Application filed February 27, 1902. Serial No. 95,971.

To all whom it may concern:

Be it known that we, CHARLES J. E. KELLNER, residing at Fort Worth, Texas, and EPHRAIM M. TURNER, residing at Denver, Colorado, citizens of the United States, have invented a new and Improved Stirrup, of which the following is a specification.

This invention relates to an improved stirrup, and the object is to construct a stirrup which has a neat and desirable appearance whether it is trimmed or untrimmed, and which can be easily and cheaply trimmed, and which can be used for advertising purposes, and which will be strong and safe in case of accident, not liable to hold a person's foot.

Other objects and advantages will be fully explained in the following description, and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings, which form a part of this specification.

Figure 1 is a side elevation of the stirrup untrimmed. Fig. 2 is a perspective view of the stirrup trimmed. Fig. 3 is a horizontal section, taken along the line xx of Fig. 2, of one of the ears of the stirrup and of the advertising-plate. Fig. 4 is a broken sectional view illustrating the construction and manner of trimming the stirrup. Fig. 5 is a vertical section of the supporting-bar. Fig. 6 is a face view of the advertising-plate.

Similar characters of reference are used to indicate the same parts throughout the several views.

The frame of this stirrup consists of a single piece of metal having a bottom or tread A, the sides B and E, and the supporting-bar F. The stirrup is constructed with three objects in view, and these are that the stirrup will be ornamental and useful before it is trimmed and that the stirrup can be easily trimmed and trimmed so that it will be ornamental after it is trimmed. Each side of the stirrup has a long slot G therein. The sides of the stirrup become thicker from the outer edges toward the slot G until the walls of the slot G are deep enough to protect a lacing-strap H, which secures a lining K in the stirrup. The supporting-bar F has a groove in the under side thereof, as shown, for the lacing-strap H. This strap H runs through a curved opening M in each side of the stirrup, the openings M being in line with the groove in the supporting-bar F. The slots G are just

wide enough to receive the strap H. Lugs P and lugs R project from the side walls of the slots G and serve to hold the strap and the stirrup-lining K in place. These lugs are just about half the thickness of the sides B and E. The lugs P are flush with the outer part or face of the sides, and the lugs R are flush with the inner part or face of the sides. The strap H runs under the lugs P and over the lugs R. The lugs P prevent the strap from pressing out of the slot G, and the lugs R prevent this strap H from pressing to the inside of the stirrup. When the strap H runs outside of the lugs R, the outer surface of the strap H is flush with the outer surface of the sides of the stirrup. This arrangement protects the strap H and prevents any snag or other object from tearing the strap off. The lining K is conveniently secured in the stirrup in the following manner: The lining is placed on the inside of the stirrup and slots are cut in the lining. The strap H is passed from the openings M through the lining to the interior of the stirrup, then back through another slot in the lining to the outside of the stirrup. The part N of the lining which is caught up by the strap H is pressed in the slot G against the inside of the lugs P, as shown by Fig. 4, so that the parts of the strap H which are seen on the inside of the stirrup will be flush with the lining K. When the strap H is passed to the outside of the stirrup, it runs on the outside of or over the lugs R and is pressed against these lugs R and then back through the lining to the inside, and so on until it is passed back and forth in this manner the desired number of times, the drawings showing this done three times. The parts of the strap H which are outside of the lugs R are flush with the outer part or the stirrup sides. The lower part of the slot G terminates in a groove T, which becomes shallower toward the bottom of the stirrup until the groove vanishes. The bottom or tread of the stirrup has an opening S therethrough, and a loop V is formed by cutting slots in the lining and pressed through the opening S, and each end of the strap H is passed through a loop V of the lining and left hanging down. Shoulders U are formed on the lower parts of the sides B and E to aid in holding the lining in place. Portions D of the lining may hang over the edges of the bottom and be made ornamental, these portions D being held

in place by the shoulders U. The strap H constitutes a bearing for the stirrup-leather. The stirrup will not be worn out so fast as it would be worn by a metallic bearing.

5 The sides of the stirrup are extended above the stirrup-bar for two purposes. These extended portions form ears B' and E', which prevent the stirrup from turning in the stirrup-leather. These ears also form convenient means
10 for advertising. Sights C are formed on the outside of each ear for plates C', and plates C' are secured to sights C by means of small lugs α . These lugs are cast integral with the ears, and after the plates C' are put in place the lugs are
15 bent down on the plate, thus securing the advertising-plate in place. The ears B' and E' have beads g formed on the edges thereof. These beads strengthen the ears and also constitute protection for the advertising-plates. Instead
20 of the lugs α for securing the advertising-plate C' in place the plates may have fingers on the edge thereof. (See Fig. 6.) The advertising-plate C'' is provided with fingers m , formed on the edges thereof. These fingers are
25 slightly bent before the plate is placed on the sight C. Pressure is applied sufficiently to cause fingers m to be mashed flat or extend behind the beads g , and the plate will be held securely in place by the beads g . Any suit-
30 able advertising matter may be placed on these plates. These plates being removable makes it convenient for merchants or jobbers or dealers to use their own advertising-plates.

A circular opening is made in each ear for
35 making the stirrup lighter.

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

40 1. A stirrup containing in a single casting the sides and tread-bar and the supporting-bar, each side having a slot therein and lugs projecting from the walls of the slot toward the central part thereof, the lugs not being as
45 thick as the sides of the stirrup and some of the lugs being flush with the outer surface of the sides and some of the lugs being flush with the inner surface of the sides.

2. In a stirrup provided with suitable sides and a bottom; a supporting-bar integral with

said sides having a bearing-groove in the under 50 side thereof, said sides having openings therethrough registering with said groove for the purpose set forth.

3. A stirrup having a supporting-bar provided with a groove on the under side thereof, 55 sides integral with said bar and having openings therethrough registering with said groove, and a strap placed in said groove and running through said sides and constituting a bearing for stirrup-leathers. 60

4. In a stirrup provided with suitable sides and a supporting-bar; said bar having a groove in the under side thereof and said sides hav- 65 ing slots therein and openings therethrough registering with said groove, a lining for said stirrup and means for securing said lining in place consisting of a strap mounted in said groove and running through said openings and laced in said lining, and suitable lugs pro- 70 jecting from the walls of said slots for holding said lining and said strap in line with said side.

5. In a stirrup provided with suitable sides and a supporting-bar, said bar having a groove in the under side thereof and said sides hav- 75 ing slots therein and openings therethrough registering with said groove; a lining for said stirrup and means for securing said lining in place consisting of a strap mounted in said groove and running through said openings 80 and passed back and forth through said lining and lugs for holding said strap and lining in line with said sides.

In testimony whereof I set my hand, in the presence of two witnesses, this 19th day of 85 February, 1902.

CHARLES J. E. KELLNER.

Witnesses:

A. L. JACKSON,
J. W. STITT.

In testimony whereof I set my hand, in the presence of two witnesses, this 24th day of February, 1902.

EPHRAIM M. TURNER.

Witnesses:

W. J. ROBINSON,
WM. M. BOND, Jr.