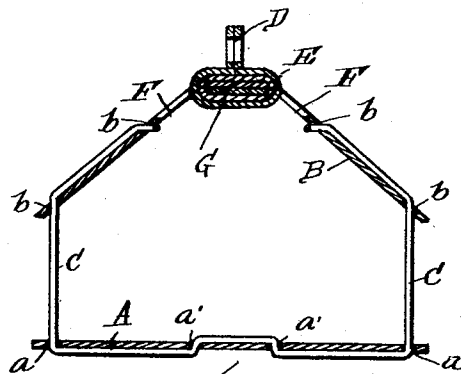
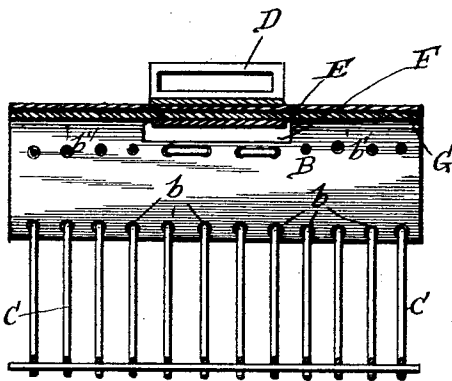
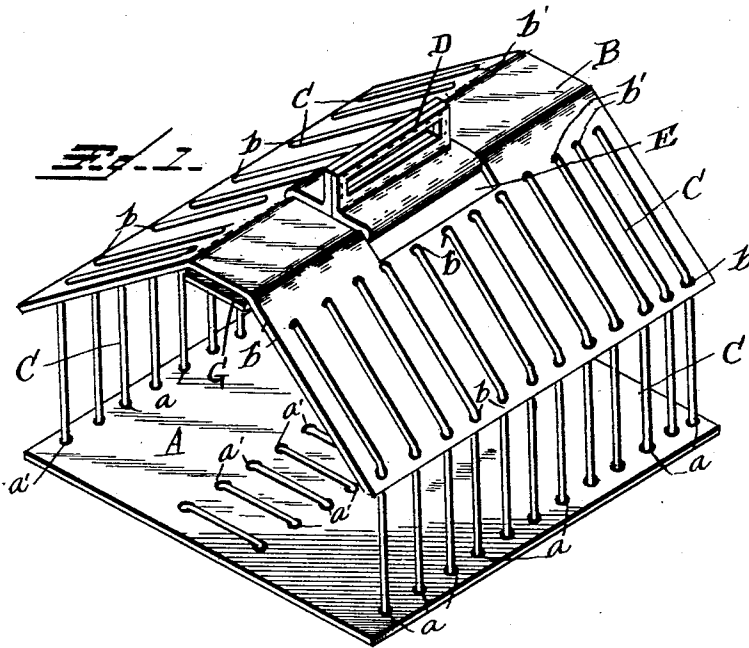


(No Model.)

J. H. STEPHENS.
STIRRUP.

No. 580,095.

Patented Apr. 6, 1897.



Witnesses

Joe Gregory
E. H. Bond

Inventor.

John H. Stephens
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UNITED STATES PATENT OFFICE.

JOHN H. STEPHENS, OF VERNON, TEXAS.

STIRRUP.

SPECIFICATION forming part of Letters Patent No. 580,095, dated April 6, 1897.

Application filed February 25, 1896. Serial No. 580,642. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. STEPHENS, a citizen of the United States, residing at Vernon, in the county of Wilbarger and State of Texas, have invented certain new and useful Improvements in 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 appertains to make and use the same.

This invention relates to certain new and useful improvements in stirrups; and it has for its objects, among others, to provide a simple, cheap, and durable stirrup that will be light and yielding and not liable to become easily broken.

It has for a further object to provide a stirrup that will adjust itself to the foot of the rider. The stirrup-leather enters the stirrup lengthwise with the rider's foot instead of transversely thereof, so that the stirrup will normally lie alongside the horse, so as to at all times be ready to receive the foot.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention in this instance resides in the peculiar combinations and the construction, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is an elevation of my improved stirrup. Fig. 2 is a vertical section through the same. Fig. 3 is a vertical section, at right angles to Fig. 2, of a modified form.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates the bottom portion of the stirrup, which is composed of a plate of thin spring-steel of suitable shape, provided near each side edge with openings *a* and near the center with the openings *a'*, running parallel with the openings *a*.

B is the upper portion of the stirrup. It is formed of a single piece of thin spring-steel or other metal and is provided along each edge with the openings *b* and along near the center with the openings *b'* parallel therewith.

The upper and lower parts are connected by the spring-wires C, which are passed through the openings in the upper and lower portions of the stirrup, as shown, passing through the openings at one edge upwardly, then down through the openings at the center, and up through those at the opposite edge and likewise through the openings in the upper part. This forms a very light yet strong and easy riding-stirrup.

D is the stirrup-leather, which extends around the circular band E, arranged in the slots F of the upper portion, and this leather is arranged at right angles to the direction of the foot.

G is a tongue or strap that is arranged underneath the upper plate and extending lengthwise thereof and serves to relieve the strain on the main upper piece and strengthens and supports the weight of the rider.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What is claimed as new is—

1. A stirrup composed of an upper and a lower plate of spring metal provided with openings and wires threaded through said openings and extending vertically at the edges transversely near the center of the lower plate, and inclinedly upon opposite sides of the upper plate, substantially as described.

2. A stirrup composed of an upper and a lower plate of spring metal provided with openings and wires threaded through said openings and extending vertically at the edges transversely near the center of the lower plate, and inclinedly upon opposite sides of the upper plate, and a stirrup-leather connected with the upper section and passed through the same at right angles to the foot of the rider, substantially as described.

3. A stirrup composed of an upper and a lower spring-plate, wires interlaced through openings in the upper and lower parts, a plate disposed lengthwise of and upon the under side of the upper plate, and a band around which the stirrup-leather is designed to pass, all substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN H. STEPHENS.

Witnesses:

J. B. TOLBERT,
S. P. HUFF.